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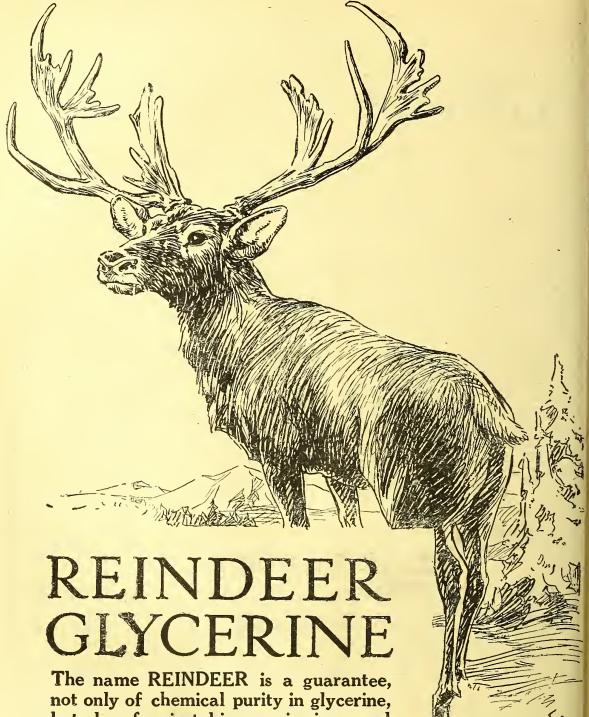
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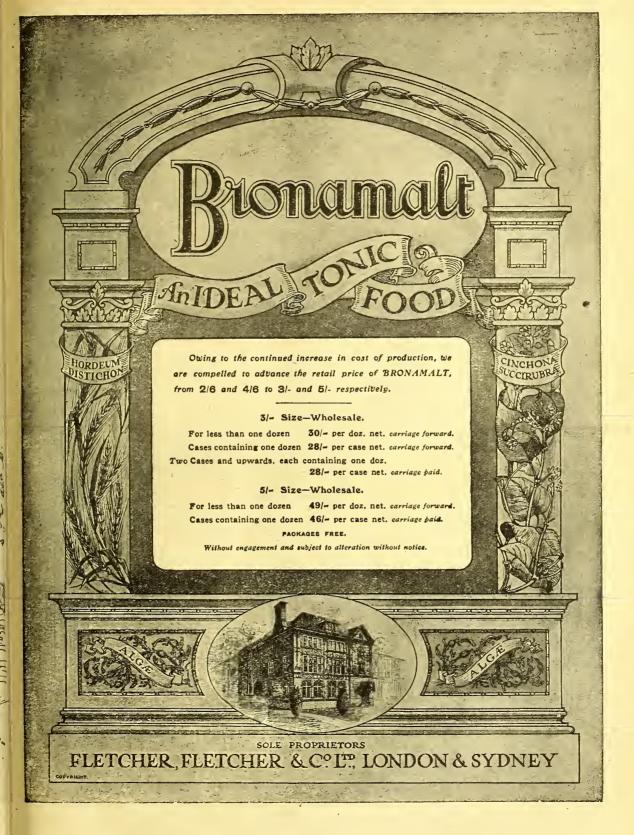
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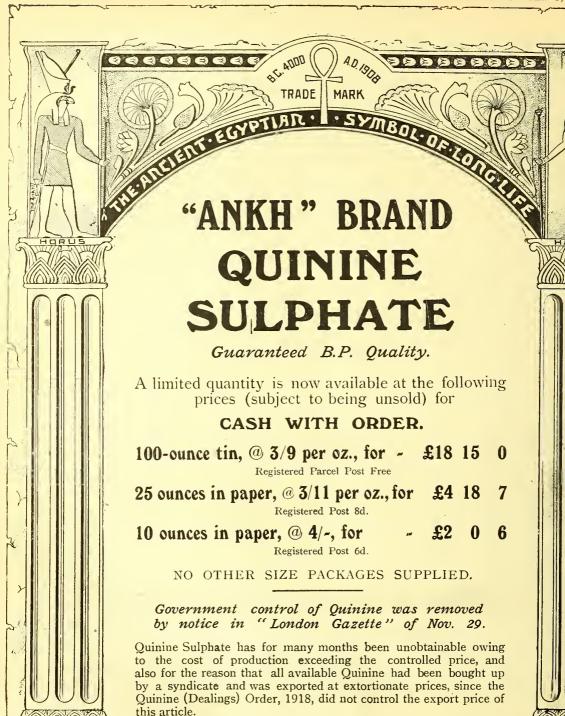


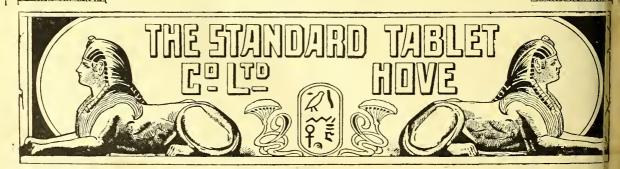
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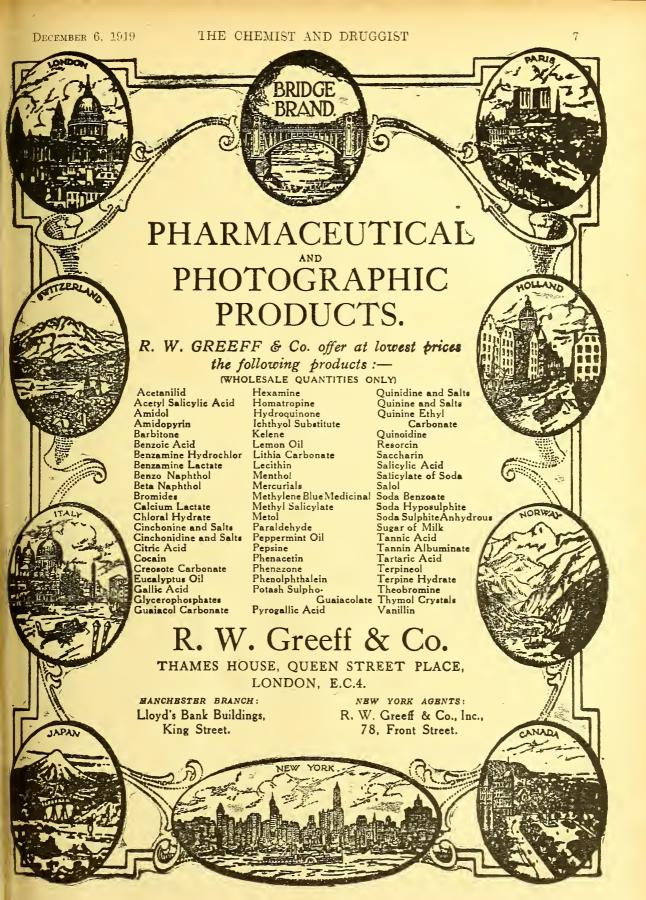
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Win a big Prize with your Christmas Window

You will probably be re-dressing your window for Christmas. Then, why not enter it for the "John Bull" Window Dressing Competition?

It costs you nothing to enter. There are no complicated conditions. All you have to do is:—

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50 GUINEAS

50 PRIZES OF 1 CN.

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To supply GLAXO to the public is the Chemist—YOU.

To distribute GLAXO to the Chemist is the wholesaler—US—and we can supply any quantity on special net terms.

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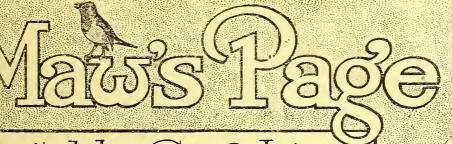


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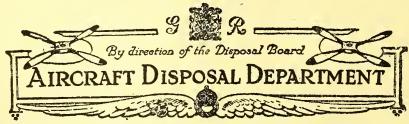
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Barrels 70	_		_		Drug, Commercial'	14/-	1	- 1	2d.
Carboys 72/6			_		GLAUBER SALTS-		1		-4.
Packages charged and					Drug, Pea Crystals	-	_ 1	16/-	3d.
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BLACK (Powdered	80/-	_	85/	10 ½ d.	GUM TRAG, No. 3 Grade		1	_	4/3
BAKING POWDER—			95 ′-	1/2 tins	HYPOSULPHITE OF SODA	25/~	_ 1	00/	4d.
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Brand)—					,, JAP,				3/3
Crystal or Powder, 99 %		1		1	No. 1 Powder			_	4/6
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CASEIN CITRIC ACID			4.6	4 9	SENNA LEAVES, T.V.	02, -	_		10 td.
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CREAM OF TARTAR 99%	_	250	255 -	2 4	Flowers	32/-		-	4d.
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" Desiccated	-	40 -	42 6	5 ∄.	VANILLIN, 100%		-	-	85/- lb.
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The following quantities of AEROPLANE DOPE are available for disposal:

18,292 gallons Cellulose Acetate Dope 1,834 gallons Mixed Dope 7,252 gallons Nitro Cellulose Dope

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Per doz. 20/- 26/- 32/- 41/- 52/- 62/- 72/Ordinary quality, Vest shape
Per doz. 27/- 34/6 45/- 56/- 71/- 86/-104/Best quality, Single
Per doz. 10/6 13/6 16/6 22/- 27/- 33/- 42/Best quality, Double
Per doz. 23/- 30/- 38/- 48/- 60/- 72/- 84/-



Cherry Cough Linctus

Style "A."
ONE SIZE ONLY

In finely-coloured cartons as illustration.

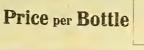
4-oz., per dozen 10/6 Per 6 dozen ... 10/-Per 12 dozen ... 9/6

With every bottle of Cherry Cough Linctus sell a Chest Protector—

Our example of the one-sale-more method!

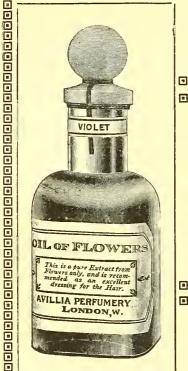








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KEEPS AWAY MOTH. LASTING & FRAGRANT.

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ZENOBIA BRILLANTINES. -/9d. size.....6/9 per doz. ZENOBIA TOILET POWDERS.

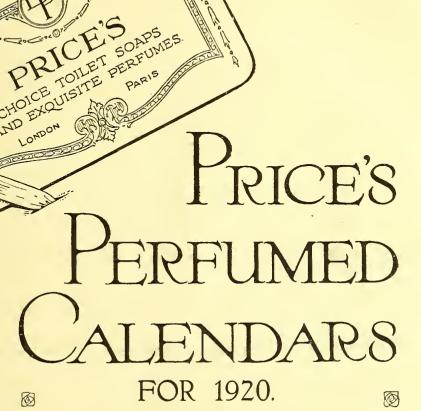
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! Subject to usual discount.

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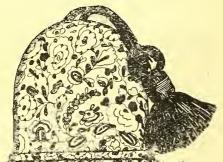




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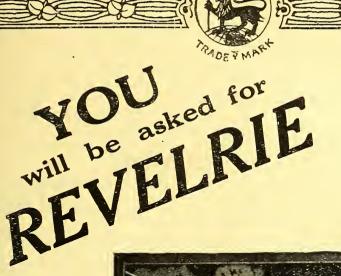
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Also in larger	sizes bro	rata.	

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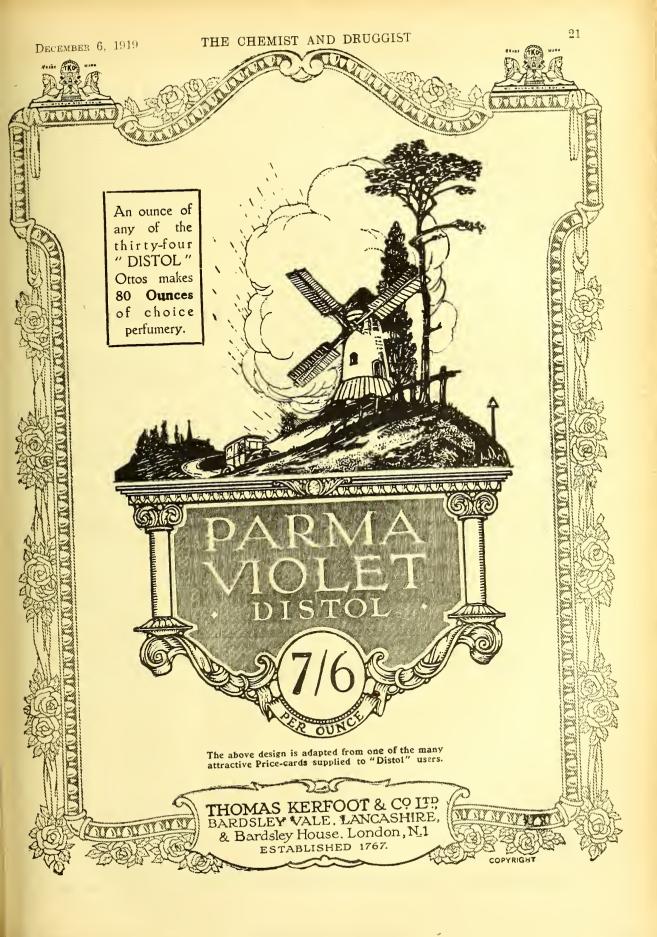
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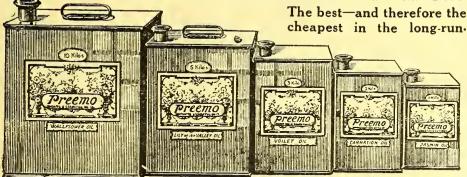


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AMERICAN AGENTS-O, A. BROWN CO. INC., 99-101 Beekman St., New York **GANADIAN AGENTS-F. S. JARVIS & CO., 18 Toronto Street, Toronto.**



CINNAMIC ALDEHYDE GERANIOL







Whitecross **Baby Powder**

British make throughout. In smartly decorated tins, with sprinkler and dome top. P.A.T.A. 10½d.; 6/- per doz.



Peach Bloom Face Powder British Make throughout. NO ADVANCE IN PRICE.

In various tints. P.A.T.A. $7\frac{1}{2}$ d.; 3/6 per doz.

Whitecross Tooth Powder British Make throughout.

Being a first-class article, packed in smartly decorated tins,
Two sizes, 3/5 and 5/3 per dozen.

The Whitecross Baby Powder and Tooth Powder have both obtained the Certificate of Merit of the Institute

Menthol and Menthol & Eucalyptus Snuff, in special decorated tins. On the P.A.T.A. at 41d.;

Tooth Paste in Collapsible Tubes.

All varieties, 5/- and 6/9 per dozen; also a special new line "Antiseptic," each in carton, 5/3 per dozen. Lanoline, Oatmeal Cream, Witch Hazel, Antiseptic Honey Jelly, etc., in tubes, 5/- and 6/9 per dozen.



Madam Var's Henna Shampoo

Very smart wrapper in eight colours; loose 22/-per gross, one show box with each gross. Packed seven in a box, 13.3 per dozen boxes.



TOILET PARAFFIN, $2\frac{1}{2}$ oz. 8/* per dozen; 5 oz., 11/3 per dozen. BAY RUM, $2\frac{1}{2}$ oz., 6/9 per dozen; 5 oz., 8/6 per dozen. FIXAR HAIR CREAM, $2\frac{1}{2}$ oz., 7/6 per dozen; 5 oz., 9/9 per dozen. EAU DE QUININE, 10/* per dozen.

Bay Rum and Cantharides, Brilliantine, Cold Cream and dozens of other lines, Price Lists on application,

DECORATED TINS and Plain in variety, all sizes, from 2 dr. upwards. Whitecross Ointment Tins, Vaseline, Fuller's Earth, Violet Powder, Tooth Powder, etc. etc.

Ready Again.—Ointment Tins with buyer's name round edge, and plain centre for labels. Write for particulars. SPECIAL DISCOUNTS TO LARGE BUYERS.

The CHEMISTS' MANUFACTURING Co., Ltd. with which is SHIRLEY BROS.

Whitecross Works, Rockingham Street, S.E. 1.

50% ON COST 33 1 % SALES

guaranteed by selling the



The finest Nail Clipper on the market. British manu-facture throughout of finest quality steel. Heavily nickelplate: and perfect finish. Delivery from stock, fastened 12 or 24 on card. Sells at sight, and gives satisfaction to Chemist and tus of Chemist and Itous owner allke.

cus omer alike

16/- doz. Fixed price 2/- each.

Write to-day for Sample Card

To be obtained from all the leading Factors, or from the Proprietors,

WARMINGTON, TURNER & CO.

II QUEEN VICTORIA STREET, LONDON, E.C. 4.

Telegrams:
"Ocwarmitur, Cannon, London."

Phone Central 7851,



is sold in all parts of the United Kingdom.

Sales run into millions annually. Reduced.

1½d. Boxes Kolene 12/- gross 3d. ... 24/- ... oz. Pots ... 48/- ... 72/- ... 1 oz. Pots 2 ··· 3 ··· 69/-

These prices are strictly net.

KOLENE has a rapidly increasing SALE.

isk for one of our travellers to call, or order direct from

The KOLENE CO., 206 Stewart's Rd., London, S.W.

Vanishing **STRODONIA** Cream.

For displaying a small showcard we make the following offer on INITIAL DIRECT ORDERS (one parcel only).

1 doz. $10\frac{1}{2}$ d. selling for 10/6 $\frac{1}{2}$ -doz. 1/3 ..., 7/618/-

For 10/- Cash with order. Carriage Paid. 102d. and 1/3 ... 7/6 & 10/6 per dozen FROM LONDON WHOLESALERS.

Direct orders value \$5, subject to 1 doz. 1/3 size Bonus for window display and 5% discount cash, one month: \$2/10/0 subject to ½-doz. 1/3 size Bonus for window display, net. £1/10/0 subject to ½-doz. 1/3 size Bonus for window display, net. Carriage paid on £1/10/0 upwards.

STRODE COSH & PENFOLD, Broadmead, BRISTOL

The Golden Box that everybody wants

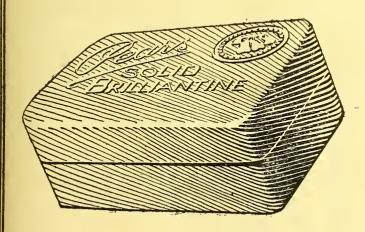
THE popularity of Pears' Solid Brilliantine, enormous already, is still growing. In fact we are convinced that it is destined to supersede all other preparations. It is something more than a mere dressing, for it acts as a direct tonic for the hair and scalp. Neither greasy nor gummy, its perfume delicate and unobtrusive, like all Pears' productions it can be relied upon as the best that contemporary science and long experience can produce.

Pears' Solid Brilliantine is everywhere attracting profitable trade . . .

You can share it.



BRILLIANTINE



PROTECTED

RETAIL PRICE

1/3

One of Gears Golden Series

A. & F. Pears, Ltd., 71-75, New Oxford Street, London, W.C. 1.

Makers of Pears' Soap.

Facsimile of the first of a series of advertisements commencing on December 3, in the "Daily Sketch" and "Daily Mirror."



Order one d zen from your wholesaler; your customers estimate your shop by its reaction to fresh advertisement.

TERMS—30/- per gross; 18/- per dozen boxes of seven; 10/- dist lay bonus on £5 orders. Net cost about $2\frac{1}{4}d$. each, selling price $4\frac{1}{2}d$. each.

PRICHARD & CONSTANCE (Whol.) LD

469 Holloway Road, LONDON, N.7.

Please Note Alteration in ADDRESS.

Cold Cream

IN POTS, TINS, OR BULK.

A B S O L U T E L Y DEPENDABLE. BRINGS REPEATS EVERY DAY.

Lavender Ice

FOR CHAPPED HANDS

A QUICK WINTER SELLER.

ALSO

Lanoline Cream, Lip Salve, Camphor Ice, Tooth Powders, Brilliantines, &c.

Samples free on application to

The Casson Chemical Co., Ltd., NEWTON RD., WESTBOURNE GROVE, W.2

Phone: Park 2884.

Profit by the Growing Demand for Snowfire.

Large numbers of women doing outdoor or indoor work are buying Snowfire regularly. They have discovered its cleansing, softening and beautifying influence upon the skin—how it keeps the hands white and dainty.

Snowfire

Sells freely all the year round. Specially valuable in Winter for Chapped Hands, Cracked Lips, or Roughened and Irritated Skin.



Well advertised. Shows good profits. Attractive publicity matter free. Goods carriage paid to your door. For Price List write

F. W. Hampshire & Co.

RIVERSIDE WORKS, DERBY





88 %
Profit
on your
Outlay

is your reward for stocking and pushing

Send your ORDER TO-DAY

Send remittance for £1.15.2, and per return of post you will receive a trial gross order, plus free three doz. bonus.

Attractive outers and smart showcards are supplied with each order.

violate to you, but the formula is so good that users are always delighted with the results. This undoubtedly increases the good-will of all stockists.

VIOLIV ICE

Tot up how many gross of other lines you require to sell to equal the profit power of VIOLIV—then consider that it is an absolute "repeater"—brings your customers back to you for other lines by increasing their confidence in your store. Read this little sum—it demonstrates VIOLIV'S profits to you

I Gross @ 3/- per dozen costs £1 16 0
REALISES

12 dozen, plus bonus 3 dozen, gives 15 dozen @ 4½d. (retail price)

... 3 7 6 1 11 6

Add 2½ % for cash 10
Profit, 88 % on outlay £1 12 4

All Orders Carriage Paid.

VIOLIV MANUFACTURING CO. 26 Haymarket Terrace, EDINBURGH

Selling Agents for England and Ireland:-

Messrs. PATTINSON & MACKIE, Ltd.
Albion House, 59 New Oxford Street, London, W.C. 1

V12

NorAd







THREE GOOD SELLERS THAT PAY WELL

FROZOCLONE

(The original solid Eau de Cologne).

(Regd.)



THE WORLD'S GREAT PERFUME AND REFRESHER IN SOLID FORM

Retails (P.A.T.A.) Minimum - 3/giving at least 10d. Profit on each sale. 26/per doz.

FROZOCLONE is a convenient form of the finest Eau de Cologne, refreshing when rubhed on the forehead, equally pleasant as a smelling hottle, invaluable in a heated atmosphere and when motoring.

CARNATE

A NAIL POLISH PASTE with new and distinctive features. Antiseptic-Softens the cuticle-Brilliant and lasting polish.

Retails (P.A.T.A.) minimum 1/6; 12/- per doz.



The Ideal Fruity Laxative in Pastille Form. DELICIOUS. RELIABLE. EFFECTIVE. Retail (P.A.T.A.) Minimum 2/3 21/- per doz., stamped.

DEMUTH'S LABORATORIES, Montrose Avenue, LONDON, N.W. 6

68 Salusbury Road and

Telegraphic Address: "Boulbene London."

Telephone: 525 Willesden.



SAMPLES AVAILABLE.

C. A. STOKES & CO., Ltd., 11 Eclipsol Works, BRISTOL

ANTISEPTIC CRYSTAL TABLETS.

THERE ARE NONE MORE POPULAR THAN (Read.)

SUPPLIED . BOXED in dozens in hinged lid boxes, displaying handsomely coloured litho, showcard when open. AN ATTRAC-

Counter Adjunct.



FOR USE AFTER SHAVING.

WHOLESALE AND SHIPPING ONLY.

Your Drug or Sundry House will supply on demand.

The FRAM MFG. CO. LTD.,

Manufacturers of all Toilet Articles for Shavers, Excelsior Works, Ellis St., BIRMINGHAM

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DISCERNING CHEMISTS Should Stock LACOSTE ET CIE, the well-known Liquid Dentifrice for checking Pyorrhea, also the unrivalled SAVON DENTAIRE LACOSTE for cleaning artificial teeth and plates. Sells well at Home and Abroad. Liberal Discount to the Crade. Send SAMPLE ORDER and we will send you CUSTOMERS. Proprietors: LACOSTE ET CIE, 123a Borough High St., LONDON, S.E. 1. Telephone: Hop 1759.

Telephone: Hop 1769.

MOUSLEY'S

Patent Nos. 4931 and 4932. The Ladies' Natty Friend.



Demand great. Just out. Delightfully soft in use. Superior to artificial Puffs. Write for Prices and Terms

F.

(MAKER)

Priest Bridge, Mortlake, London, S.W. 14.

SMOKERS' TOOTH POWDER TOOTH PASTE

THE ONLY REAL

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YOU ORDER

iust 6 doz, "T.M. Paste (half doz. Bonus) & 6 doz. "T.M." Powder Powder n have you can same at

LONG WITH

the best busi-ness-pulling window idea out, i.e. the

"T.M."
POWDER 9 PER DOZ. D PER

T.M." DOZ

preparations are genuine. They are made from formulæ that do what ads." claim, and are not ordinary dentifrices dressed up to appeal to smokers. Kindly note this—IT IS IMPORTANT.

THOS. CHRISTY & CO. 4-12 OLD SWAN LANE, E.C.4. ...

D. Lindsay McClure. Pharmacist.

20/11/19 Comric____

Derthsbire.

To Messrs. A. & E. CARRERAS, Perfumers, London, W. 6.

GENTS:

Very many thanks for "Enolin" Tooth Paste. I have tried both strengths, and really find "Enolin" the last word in Tooth Paste. The flavour is unique, and should prove palatable to the most fastidious.

I can confidently recommend it to anyone who wants something choice in the way of Tooth Paste.

I have absolutely no interest in "Enolin."

I am, yours most sincerely,

D. LINDSAY McCLURE.

P.S.—You are at liberty to use my name and also my opinion re "Enolin."

On the P.A.T.A.

1/6 Size

Less than 1 gross, 14/- doz.

1 gross, 160/-



Always in demand

2/9 Size

Less than 1 dozen bottles, 2/2 each.

1 dozen bottles, 25/-

"KLENZIT

FOR **CLEANING** ARTIFICIAL TOOTH **PLATES**

Keeps the Mouth healthy and prevents sore gums. In PORCELAIN JARS, 10/6 per dozen. SOLD TO THE PUBLIC AT 1/3

SoTol." Non-Carbolic TOOTH

Sold to the public in Shilling Tins—to Pharmacists at 8/- Per Doz. 7/9 by 6 Doz. 7/6 per doz. in gross lots and up.

NEW LINE.—"SoToL" Tooth Paste, sold to the Public at 1/3

Inquiries for Advertising Matter, Prices, etc., to

THE WESTERN DENTAL MANUFACTURING CO., LTD. 74 WIGMORE STREET, LONDON, W. 1

DEARBORN

37 Gray's Inn Road, LONDON, W.C.

Toilet Specialities.

		Price per doz.	Selling Price
DU ENTA COAD	t	o Retailer. I	A.T.A.
PILENTA SOAP A complexion soap.	-	10/-	1/-
PROLACTUM -	_	10/-	1/-
For the lips.		10,-	•/-
PARSIDIUM JELL	Y -	10/-	1/
For wrinkles.			
ALLACITE of ORA		22 /6	2 / 6
DE00	POIM		
BORANIUM -	-	22 /6	2 /6
CLEMINITE -		00/6	0/6
For a face lotion.	-	22/6	2/6
COLLIANDUM -	-	22/6	2/6
For a face tint.		, -	
PERGOL	-	22/6	2 /6
A deodorant.		00/6	0/0
For a shampoo	-	22/6	2/6
JETTALINE -	-	31/6	3/6
For clearing the skin.			
PHEMINOL -	-	36/-	4/-
A depilatory. MENNALINE -		20/	4/-
For the eyelashes.	-	3,6/-	4-
MERCOLIZED WA	X	31/6	3/6
A face cream.			
STYMOL	. . .	36/-	4/-
For oily complexions and black BARSYDE	heads.	00/0	0/0
Dandruff eradicator.	-	22/6	2/6
TAMMALITE -	_	22/6	2/6
For grey or faded hair.		, _	-/-
LIQUID PERGOL	-	31/6	3/6
To check excessive perspiration	n locally.		0/6
For whitening the hands.	-	22/6	2/6
HARAPOSA	_	22/6	26
Nut oil shampoo.		,	_, _

STOCKED BY ALL WHOLESALE HOUSES

COLONIAL DEPOTS AND AGENCIES.

AUSTRALIA:
ALL WHOLESALERS and
DEARBORN, Ltd., Grace House, Clarence Street, Sydney. SOUTH AFRICA:
LENNON & CO., Ltd. (Case Town)
SIVE BROS- & KARNOVS XY Ltd. (Johannesburg)

A:
KEMP & CO., Ltd. (Bombay).
R. MACLUBE (Madros).
SMIIH, STANISTREET & CO. (Calcutta).
MEHTA BROS. (Calcutta).
JAMNADAS BROS. (Bombay).

NEW ZEALAND: SHARLAND & CO., Ltd. (Auckland & Wellington). SOUTH AMERICA: DEARBORN, Ltd., Calla Salta 264, Buenos Aires.

Delivery from London Stock.

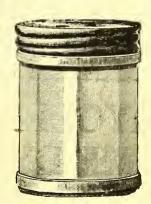
Opal Glass Toilet Cream JARS





1384-1, 2, 4, 8 oz.

2479-2 oz.



2486-1, 2 oz.





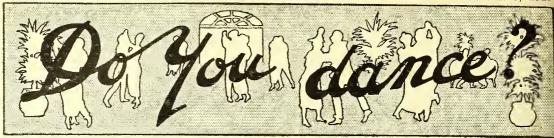
1689-1, 2 oz

3433-2 oz.

Apply for Price Last and Special Terms

WILLIAM TOOGOOD, LTD.

77 Southwark St., London, S.E. 1.



A M. dical oninion of DULC-O-DO.

"I have tried Dulc-o-do in cases of excessive perspiration of perspiration of feet, axilla, etc., and it has succeeded after Formalin, Belladonna, etc., have signally failed. I myself have suffered from excessive perspiration in the axilla. tion in the axilla, due to Malaria, which I got in India several years ago. I have also tried it, and it has completely relieved the condition. It seems to me a most excellent prepara-M.B. Ch. B.

Mr. PHARMACIST!

We have many customers in your district who write us in this style:

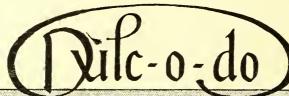
Dear Sirs,—Kindly send me two more bottles of Dulco-do. I may say it is the finest thing I have ever tried. It should be better known, as there are so many useless preparations sold for this purpose.

Yours truly, S. M.

DULC-O-DO is a harmless toilet water which corrects excessive perspiration, makes dress shields unnecessary and instantly removes its odour. Well

advertised in ladies' papers. May we add your name to our depot file and direct all inquiries from your locality to you. Send 20/- for sample dozen, showcards and best terms. Minimum retail 2/6

> SCOTT'S CHEMICAL CO. 47 Huddlestone Road, Willesden, London, N.W.2



The Harmless Toilet Water for -

EXCESSIVE PERSPIRATION



'RAYOLENE'

The Household Favourite.

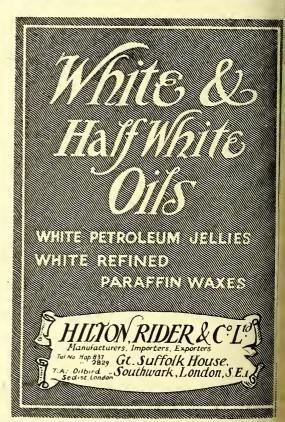
The most popular packet dye on the market. Supplied in packets to retail at 3d. and 6d. 'Rayolene' Home Dyes are suitable for all fabrics-Wool, Silk, Cotton or mixed goods —and the results are CERTAIN every time.

NO LUMPS TO CRUSH. No Mess. No Risk. No Trouble.

Rayolene Dyes represent best value, are well advertised, and show a good profit to the retailer.

Write for Shade Card and Wholesale Prices.

TEXALO MANUFACTURING CO. South Shore, Blackpool, Lancs,





About an interesting House Magazine

Every month we (Icilma) issue a dainty little House Magazine printed in bronze blue ink on pale blue paper, called

Reflections

In it we deal with many and varied topics in an interesting way—at any rate dozens of our business friends tell us so.

Here's just a rough summary of the usual contents—some of them are varied occasionally.

Page 1.—The Chief's Monthly Message. Page 2.—A gem of prose or poetry. Pages 3 and 4.—From the Editor's Chair. Page 5.—Business Notes (A page for our friends in the Trade). Page 5.—Bushess Notes (Apage for our friends in the Trade).

Pages 6 and 7.—Things we should like to know and Staff
Notes. Page 8.—Oddments of interest. Page 9.—Correspondence. Pages 10, 11 and 12.—The Chief's Cornerdealing with the policy of the house, etc.

Would you like a copy month by month, FREE? If so, just send us a postcard addressed to-

The Editorial Dept.,
"REFLECTIONS," Icilma Company, Ltd., 37-43, King's Road, St. Pancras, London, N.W.1

and	mention	that y	ou wo	uld	like	to
read	"Reflec	tions'	month	ı by	mon	th
as pu	blished, a	and ther	write	clear	ly yo	ur
T					-, -	

NAME POSTCARD Address ON A POS

NOTE .- If you received the December issue (Christmas number) you need not send your name, as you are already on our list. If you didn't, send that Postcard now while you think of it.

It pays to Buy and Show

Icilma Toilet Preparations

Supplies now normal.

Prc-War Quality Guaranteed.

Manufacturers: Icilma Company, Ltd. Sole Distributors: International Icilma Trading Co., Ltd.

Address: 37, 89, 41, 43, King's Road, St. Paneras, London, N.W.1.

(II)

VAVCU

HIS article has now been sufficiently long before the public to enable them to sample its merits. public have done on a large scale, and many delighted users have come again and again to the retailers they buy from for further supplies. The demand has been extraordinary. At first the proprietors tried to cope with it per post, but they soon saw that this was too cumbersome and tedious a method, and they are now gladly availing themselves of the services of the trade. Wavcurl is a first-class seller and a first-class payer, too. The profits are all they should be on a toilet line, as any reader can see for himself in the P.A.T.A. Protected List. Forty per cent (40%) should surely awaken your interest, especially in a line that sells at sight. All classes of ladies from the titled days to the busy. sight. All classes of ladies, from the titled dame to the busy factory worker, are using it as their readiest means of keeping themselves attractive, notwithstanding the great demand there is just now upon their time. To the user it is a great time-saver; to the seller, a great money-maker. We invite your application for Showcards and Dummies for window-dressing. A Wavcurl window-show in an industrial or factory area will simply make the shillings shower into your till. Address post card to

WAVCURL

FULWOOD HOUSE, HIGH HOLBORN, W.C. 1

Per doz. 1/6 Waveurl (in packets) ... 9/-2/9 Wavcurl (in bottles) ... 21/-1/6 Complexion Cream ... 10/-2d. Shampoo Powder ... 15/-

1/6 Duvetine (Superfluous Hair Remover)
1/6 Wavcurl Hair Tonic

(9 in Powdered Form) 9/1/6 Eyelashine ... 9/Showcards for Window | no
Dummies for Show | charge gross.

Agents: PARIS .- A. W. Scott, 38 Rue du Mont Thabor. CANADA. - W. W. Barry, 1 Port Street, Montreal.

OVER 100 % PROFIT ENSURED & PROTECTED (P.A.T.A.)

for sellers of

One solution, nine shades.

A first-class article with an excellent demand, created entirely on its own merits, and carrying a first-class profit.

Size.	Minimum retail.		tail.	Minimum wholesale.		
1/-		1/-		7/6		
1/6		1/6		9/- per doz.		
2/6		2/6		15/- less 5%		
3/6		3/6	•••	21/- discount.		

SPECIAL BONUS

Buyers of 3 doz. bottles receive 3 bottles gratis (may be assorted and any size). Do. 6 doz. do. 8 bottles gratis. Do. 12 doz. 18 bottles gratis. do Equivalent in the case of the size in most general demand, viz. 1/6 size, to 4/6, 12/- and 27/- respectively.

Sole Proprietors-

C. R. HARKER, STAGG & MORGAN, DEVON WHARF.

Emmott Street, Mile End, London, E.1.



3X6 DOZEN CARTONS LIKE ABOVE WITH

DOZ. BONUS, CARR.

at 4/- doz., along with the Sepia "Girl" Window Show, it is the best "silent assistant" out, and never fails.

SAY YES!

THOS. CHRISTY & CO. 4/12 OLD SWAN LANE, LONDON, E.C.4.

ESSENTIAL OILS—ESSENCES.

LARGE CONTINENTAL FIRM

MANUFACTURING

Fruit Essences, Aromatic Chemicals, Flower and Essential Oils,

REQUIRES a COMPETENT REPRESENTATIVE for the UNITED KINGDOM.

Letters, "S. S." c/o "The Chemist and Druggist,"
42 Cannon Street, London, E.C. 4.

High-Grade MANICURE REQUISITES

NAIL FILES (Stiff or Flexible), NAIL CLIPPERS (Yarious Sizes),
TWEEZERS, FORCEPS and MANICURE INSTRUMENTS Attractively Carded,
BENT OR STRAIGHT NAIL OR CUTICLE SCISSORS,

A Limited Quantity of Fine Quality MANICURE SETS for Christmas Trade.

BEST GOODS. SEND INQUIRIES PROMPTLY. LOWEST PRICES.

HENRY W. SCURR, Henry Road, Slough, BUCKS

THOMAS KEANE, Sample Case Makers,

Proprietors-THOMAS KEANE & SON, Ltd.

64, 66 & 68 WORCESTER STREET, BIRMINGHAM.

Sole Manufacturers of the

CHEMISTS'
EXCHANGE CASE.

Complete with 8 trays (with 7 or 18 Divisions to each tray). Size $14 \times 9 \times 6$.

Manufacturers of

CASH BAGS.

LETTER BAGS.

ATTACHE CASES.

WRITE FOR ILLUSTRATED PRICE LIST.

Factory - EXCHANGE WORKS, OLD MEETING STREET, BIRMINGHAM.

COLD CREAM

The favourite family size—2-oz. aluminium screw-cap pot. The cream is a good one—white, smooth and well perfumed—it does not go rancid or change colour.

7/6 per doz. Gross lots at 7/- per dozen.

LIME CREAM

A white, practically inseparable, preparation that sells well and brings repeat orders—one size only—4-oz. round bottles. White skin capped.

7/- per dozen. Gross lots at 6/6 per dozen.

Samples of these two lines will be sent on application—name and address free on well-designed labels.

CONCENTRATED PERFUMES

One dozen dainty rod-stoppered bottles on an attractive card—Jasmin, Lily, Violet, Rose, Carnation and Heliotrope—finished off with blue silk cord and bronze name labels.

12/- per dozen. Gross lots at 11/- per dozen.

These are selling very well—a few cards would be an attraction for your Christmas window.

SAFETY RAZORS

We have a few left of Nos. 157, 159, 160 and 161 (see "C. & D." November 29, page 33); also No. 162. Soft grey leather—razor handle in two sections. Small wallet shape. One blade in pocket. Four flaps. Size closed, 24" × 24" × 2".

Price 3/6 each.

Please send your order at once to avoid disappointment.

Large buyers should write for special quotations stating quantities required.

Terms:—Monthly account net. Carriage paid £2 orders. (Scotland and Ireland £3 orders).

RAYMET & CO. Ltd., Harrow Rd., London, N. W. 10

WILKINSON SWORD CO. LTD. PALL MALL, LONDON

THE LEADING FIRM OF RAZOR MANUFACTURERS

There is no doubt about the Wilkinson "1920 Model" Safety Shaver—Read this—

THE WORLD says:—"For solid comfort in shaving, The Wilkinson '1920 Model' is an acquisition that counts."

THE IRONMONGER says:—"The outfit should not require much pushing with that class of buyer who is prepared to pay 30/- for a complete outfit, as it is admirably made and embodies really more than the 'Big Four Features."

THE HAIRDRESSERS' WEEKLY JOURNAL says:—"The latest thing in Safety Shavers—
There are four points that place this Shaver above any other on the market."

THE HARDWAREMAN & IRONMONGERS' CHRONICLE says:—"Quite the best Safety Shaver we have seen."



Write for Price Lists of ordinary Razors and Safety Shavers

ALL ORDERS AND INQUIRIES TO

THE WILKINSON CUTLERY CO. LTD. "Tudor House," Rathbone Place, Oxford Street, London





We are actual Makers of above for the Wholesale Trade and can give immediate supply in five Styles.

Ask for our Special Wart Pencil, with handsome Showcard.

M. J. FECHER, Ltd.,

Ilex Works, Northwold Road, Stoke Newington, London, N.16.



oilet Preparations

GIVE MAXIMUM PROFIT AND SELL ON SIGHT

Powder, Toilet Powder, Toilet Snow, Toilet Cream, Bath Crystals, Bath Tablets, Nail Polish, Lip Salve, Shampoos, Solid Brilliantine, Camphor Ice, Water Softener,

SPECIAL OFFER TO THE PUBLIC.

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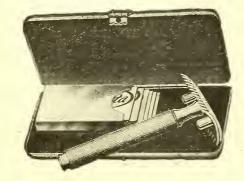
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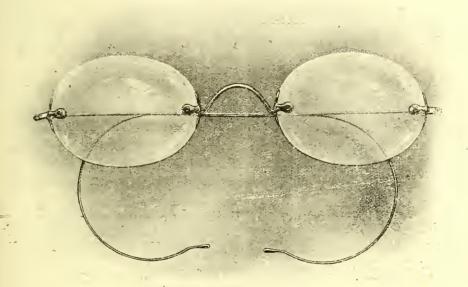


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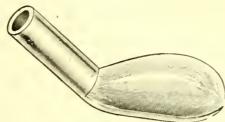


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(Signed) ADAMSON & CO.

I. PARKER

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Coming Events.

Friday, December 5.

algamated Society of Pharmacists, Drug and Chemical Workers, Progressive Pharmacy Club, Arundel Hotel, Victoria Embankment, London, W.C., at 8 p.m. Meeting for Students and Ex-Service Men. Amalaamated

Monday, December 8.

Royal Society of Arts, John Street, Adelphi, London, W.C., at 8 r.m. Emeritus Professor J. Theodore Hewitt on "Synthetic Drugs" (Cantor Lecture II.).

Tuesday, December 9.

North London Pharmacentical Association, Progressive Pharmacy Club, Arundel Street, Victoria Embankment, London, W.C., at 8.45 P.M. Meeting to consider "The Committee's Report on a Price List and a Costing System in Pharmacy."

Wednesday, December 10.

Hanchester Pharmaceutical Association, Chess Club Room, 65 Market Street, at 3 p.m. Captain W. A. Poucher on "A Scheme for an Army Pharmaceutical Service."

Sheffield Pharmaceutical and Chemical Society, Literary and Philosophical Society's Rooms. Mr. J. T. Appleton on "Pharmaceutical"

Philosophical Society's Rooms. Mr. J. Appendix of macy Law."
National Association of Chemists' Assistants (Birmingham Branch), Room 25, Central Hall, Corporation Street. Mr. G. Moss on "Wasps and Bees."
Edinburgh Chemists', Assistants, and Apprentices' Association, 35 York Place, at 8 P.M. Mr. J. Rutherford Hill on "The Pharmaceutical Society."
Thants Valley Pharmacists' Association, Kingston Hotel, Kingston-on-Thames, at 2.45 P.M. Mr. Alfred Higgs, J.P., on "The Profiteering Act."

PLYMOTTH PHARMACEUTICAL STUDENTS.—A Social will be held on December 17, at 7 r.m., in the Lockyer Hall, Alfred Street. Tickets finelinding refreshments, 2s. 6d. each) from members of the

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Dentistry Dip.oma Case.

At the Central Criminal Court, London, on November 28, Bronson M. Barrett and George Leroy were in dicted for obtaining money by false pretences in connection with alleged diplomas in dentistry (C. d. D., October 11, p. 47). It was stated for the prosecution that the diplomas in question, 500 of which were made in Londou, were of an elaborate character. Defendants called on a deutist in Hammersmith Road, W., who had met Barrett casually before, and produced an examination paper, containing eight series of questions, saying that no more than three questions of each series should be attempted. That paper was practically a copy of an examination paper of the Incorporated Dental Society. Barrett could not wait for the questions to be answered. Barrett could not wait for the questions to be answered, but put a few simple questions on dentistry. "You have answered the questions very well indeed," said Barrett, subsequently; "we will bring you the diploma later." The diploma was dated 1912, which made it appear as if the holder had been practising dentistry for at least seven years. The fee in this and in another case was 10%. 10%. Barrett was sentenced to three months' imprisonmeut, and Leroy to two months', both in the second division; each defendant was condemned to pay half the costs of the prosecution; and the ninety-six diplomas found were ordered to be destroyed.

Drug-workers' Strikes.

On December 4 the employés in the drug department of the Army and Navy Stores, Ltd., Victoria Street. London, S.W., who are practically all members of the Amalgamated Society of Pharmacists, Drug and Chemical Workers, ceased work, together with employes in other departments, in order to enforce demands for increased

wages and other improved conditions.

The directors of the United Chemists' Association, Ltd., Cheltenham, have for some time been considering certain demands made on behalf of their employes. Negotiations having fallen through, members of the Amalgamated Society of Pharmacists, Drug and Chemical Workers, who form more than two-thirds of the employes, came out on strike on December 2. By midday over 200 were ont. During the morning the works were picketed. and the pickets succeeded in inducing several railwaymen, who came with loaded lorries, to return without delivering the goods. Arrivals from the Labour Exchange were also persuaded not to fill vacaucies. The dispute underwent an important development in the afternoon. consequent upon an advertisement in a local paper by "Ucal," asking for new hands. Representatives of the strikers approached Mr. Harold Miller, the managing director of the company, and asked him to reinstate the whole of the employes on certain terms. Mr. Miller informed the deputation, which included the general organiser of the Amalgamated Society (Mr. Gillian), that the company were prepared to treat with the workpeople as individuals and to offer certain concessions, but were firm in their refusal to have any dealings with or to recognise the Union. Mr. Miller added that as the result of the advertisement they had received 150 applications: a good many of the applicants had been engaged at in creased wages, and the company would not promise to take all the strikers back. The Ministry of Labour is sending officials to offer suggestions.

Guardians' Affairs.

The Holborn Guardians have made a grant of 251, to Mr. N. Colbeck, chemist and druggist, their dispenser. Stafford Guardians have accepted the tender of J. &

H. A. Averill, chemists, for drugs and appliances.

The Civil Service scale of war bonus has lately been raised; and, as it has been adopted by most Boards of Guardians, dispensers will benefit by the alteration.

Birmingham.

Coppers are scarce in Birmingham.

Birmingham shop-windows are assuming a Christmassy appearance.

The late Dr. Joseph Quirke, Handsworth, left estate valued at 62,376l.

There are several old-fashioned businesses of repute for sale in Birmingham and its suburbs.

Alderman F. C. Clayton, Ph.C., has contributed 201. to the Birmingham "Mail's" Christmas Tree Fund.

Southall Bros. & Barclay, Ltd., have promised a materiamedica cabinet to the Birmingham School of Pharmacy.

Mrs. George Cadbury has been elected, in succession to Mr. G. W. Cadbury, jun., for the Northfield Ward of the Birmingham City Council.

The death is announced of Dr. Arthur Orton, Coventry, well known in the Midlands as representing the sixth generation of a medical family. He was seventy-two years of age.

The "final" demand for Birmingham rates seems to have been moved from a date in February (pre-war style) to a date in November (post-war style). If the process goes on——!

Mr. Marshall Freeman, barrister and pharmacist, lectured, on November 28, to the local section of the Chartered Institute of Secretaries on "The Rights and Duties of Trustees and Executors."

The medal incident referred to in this column last week suggests a pun on the Shakesperian model. What should have been recorded is that Miss Gerrard, the designer of the badge in question, has undertaken to design medals for local competition.

Liverpool.

The whole of the panel chemists of Merseyside are drawing closer together in conference. Other signs of increasing unity are, happily, also visible.

The local executive of the Pharmaceutical Conference Reception Committee, headed by Mr. William P. Evans (Evans Sons Lescher & Webb, Ltd.), have already secured headquarters at a leading hotel.

"I want fourpence on this empty medicine bottle," was the request of a girl who recently handed in a dispensing flat at a Liverpool pharmacy. "Tell your mother," replied the pharmacist, "that I will credit her with the twopence due when she pays for the medicine I supplied."

At a city inquest, the other day, a witness incidentally deposed that a woman mentioned in the course of the inquiry had obtained from a "chemist" some poison wherewith to procure abortion. Our correspondent has reason to believe, as the result of an inquiry, that the vendor was not a chemist and druggist.

A letter received from a London manufacturing firm by a central-area pharmacist this week reads: "Both your esteemed orders have been packed, but so far we have not been able to find a railway company to accept for transport to Liverpool." The same purchaser has just received two other consignments by rail minus certain items pilfered en route.

Errand-boys for chemists and druggists are a rapidly diminishing quantity, and in most cases the change to errand-girls has not proved satisfactory. The mothers are apt to withdraw the girls for home work. "Many women would rather exist on a petty dole than earn good wages," is the comment of a pharmacist who has had a wide experience.

Manchester.

A Chorlton-cum-Hardy chemist is now making a speciality of gramophones and records.

A notice appears in a suburban pharmacy to the effect that prescriptions dispensed after 10 p.m. will be charged with the addition of a 2s. 6d. dispensing-fee.

Much sympathy is felt for Mr. James W. Drinkwater, 49 Ashton New Road, Beswick, whose wife has passed away after a long illness. Mr. Drinkwater is a member of the Council of the Man hester Pharmaceutical Association.

A child entered a suburban chemist's shop and asked for 1 oz. of olive oil and three drops of croton oil. The chemist hesitating to supply, the child returned home; presently she brought back a note from her mother to the effect that, if it was so strong, she would rub it on the outside instead.

An outbreak of fire, involving damage to the extent of several hundred pounds, occurred recently at the establishment of Mr. R. G. Edwards, Ph.C., 269 Wilmslow Road, Fallowfield. Fortunately, the fire brigade were able to confine the conflagration to the cellar, which was completely gutted. Supports had to be placed under the shop floor.

The secretary of the Manchester Pharmaceutical Committee has sent a printed notice to panel chemists, stating that "the Pharmaceutical Committee is informed that panel chemists in the Manchester area are making varying deposit charges on bottles used for N.H.I. dispensing. In fairness to one another and for the purpose of uniformity, the Committee deem it essential that the Tariff prices for containers be rigidly adhered to."

Sheffield.

Mr. A. H. Culverhouse has been elected a deacon of the Cemetery Road Baptist Church,

Mr. H. Sagar, Main Road, Darnall, is giving up his shop, the premises having been taken for a bank.

Mr. J. Austen, Ph.C., has been elected an honorary member of the Sheffield Pharmaceutical Students' Association.

Mr. A. Neal, member of Parliament for the Attercliffe division of Sheffield, has been appointed Vice-President of the National Association of Insurance Committees.

Local bottle firms are very concerned at a further interference with their business. After January 31, 1920, they are forbidden to engage women, which will mean extra cost for unskilled labour.

The rusks case before the local Profiteering Committee (see p. 63) caused considerable interest—and considerable uneasiness—among the pharmacists present. It will be noted that an appeal has been lodged.

Miscellaneous.

Measles Order Rescinded.—The Ministry of Health gives notice that after December 31 throughout the country measles and German measles will cease to be notifiable diseases. The notification order has been in force since 1915.

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Potash Salts from Germany.—It has been found necessary to modify the terms on which the high-grade potash salts, recently acquired by the Government from Germany in exchange for food, will be sold in Great Britain. As from December 1 the prices announced by the Board of Agriculture and Fisheries in Leaflet No. F.P. 4941 S.1 will be raised by 5s. per ton. Manure mixers, merchants, dealers, and co-operative societies should in future send their orders to the Fertiliser Manufacturers' Association, Ltd., 155 Fenchurch Street, London, E.C. 3.

In the Courts.—At Marlborough Street Police Court, London, on November 29, T. Garrick, newsvendor, was sentenced to twenty-one days' hard labour for being concerned in stealing a carrier-bicycle, value 16t. 16s., the property of John Bell & Croyden, Ltd., chemists, 50 Wigmore Street, W. Evidence showed that the bicycle was stolen while a messenger employed by the company was making a delivery.—At Thames Police Court, London, on December 2, a Chinaman was remanded on a charge of illegally importing opium, 28 lb. of which had been found concealed on board a ship.—At Bradford, recently, a youth who had attempted to poison himself with salt of lemon was discharged on his father's recognisances.

ROYAL INSTITUTION.—Among the lectures which will be given during the winter session are: Sir John Cadman, two lectures on (1) Modern development of the miner's safety lamp, (2) Petroleum and the war; Prof. Ernest Wilson, two lectures on magnetic susceptibility; Prof. A. E. Conrady, two lectures on recent progress in photography; Col. E. Gold, D.S.O., two lectures on the upper

air; S.r F. Watson Dyson, Astronomer Royal, three lectures ou "The Astronomical Evidence Bearing on Einstein's Theory of Gravitation," and Prof. Sir J. J. Thomson, six lectures on "Positive Rays." The Friday Evening Discourses will begin on Friday, January 16, when Prof. Sir James Dewar will deliver a discourse on "Low Temperature Studies."

RAILWAY DELAYS.—Mr. G. E. Howard, of Howards & Sons, Ltd., chemical manufacturers, Ilford, writes to "The Times" as follows: "The whole trading community is groaning under the utter inefficiency of the Government control of railways. Every day we receive letters from customers all over the country bitterly complaining of delays in delivery of our goods. To-day we think the record has been broken, since we hear from Wakefield that a small consignment of chemicals dispatched from here by us on June 12 reached its destination on November 24. What the result would be of nationalising the railways and placing the organisation completely into the hands of Government officials one hardly dares to contemplate."

Synthetic Drugs.—Professor J. T. Hewitt gave the first of a series of three Cantor lectures at the Royal Society of Arts on December 1 on "Synthetic Drugs." He dealt first with anæsthetics of the chloroform class, and the synthetic alcohols, such as amylene hydrate and chlorinated alcohols like chlorbutol. Formaldehyde received some attention from the fact that it is the initial substance used in making a large series of drugs, such as urotropin and formamol; and, further, it has considerable uses in the dyestuff industry. After touching on other aldehydes, paraldehyde, chloral, etc., Professor Hewitt gave an account of some of the drugs made from ketones (sulphonal, etc.) and from the fatty acids and their bromine derivatives. Cyclic ureides were then considered, and the veronal class of compounds, the xanthine group (caffeine and theobromine) being finally dealt with.

Irish News.

The Pharmaceutical Society of Ireland.

The following are the latest dates for lodging applications for the January examinations: Thursday, December 18, for the Preliminary examination; Tuesday, December 30, for the Registered Druggist examination; Wednesday, December 31, for the Pharmaceutical Licence examination; Monday, January 5, for the Pharmaceutical Assistant examination. Applications should be lodged with the Registrar not later than 11 a.m. on the respective

Belfast.

Mr. J. M. Finlay, who represented Thos. McMullan & Co., wholesale druggists, in the North and West of Iteland, has been presented with a canteen of cutlery on the occasion of his marriage. Mr. Finlay has been about twenty-five years with the firm.

Mr. W. McMullan (Thos. McMullan & Co., wholesale druggists, Victoria Street), who has been appointed a vice-president of the Belfast Chamber of Commerce, proposed, at a meeting of the Chamber held on November 27, that an inquiry be held into the working of the Trades Disputes Act, and that the Association of British Chambers of Commerce be requested to urge upon His Majesty's Government the importance of such an inquiry. Mr. McMullan said the Council felt strongly that nnless some reasonable limit was put to the application of the Trades Disputes Act the trade of the country would be dangerously handicapped. The resolution was passed.

The third annual meeting of the North Irish Pharmacists' Association was held in the Chemists and Druggists' Rooms. Waring Street, on November 19. Mr. Huston Lancashire (Vice-President) occupied the chair. The satisfactory reports read by the Secretary and Treasurer were adopted. Mr. Huston Lancashire then gave an in-

teresting account of his work in the Pharmaceutical Council. In the discussion which followed reference was made to the meagre report of the Council meetings supplied to the Press. Mr. J. C. Culbert gave a satisfactory report of his activities as representative at the Chamber of Trade, and Mr. Andrew Wilson spoke on education reform activities. Arising out of this discussion, a resolution was passed endorsing the action of the Committee in its attempts to improve the examination and supporting the committee in its efforts to bring about a satisfactory conclusion. Mr. Hugh Crail, Ph.C. (Belfast), was appointed President for the ensuing year.

Maize and Maize Products.

The Food Controller has made an Order prohibiting the export of maize, maize flour, maize meal, maize flakes, maize semolina, hominy, or cerecoline from Ireland to any destination outside Ireland except under licence of the Department of Agriculture and Technical Instruction for Ireland. The Order further provides that a person shall not buy, or agree to buy, any of the above-mentioned articles to be consigned from Ireland to any destination outside Ireland except from a person so licensed.

The Irish Assistants' Strike.

The decision arrived at between the Irish assistants and their employers (C. & D., November 29, p. 67) proved merely to be a temporary one, for, despite the efforts of the Ministry of Labour, made on November 25, to bring matters to a conclusive settlement, a general strike throughout Ireland has been declared. Belfast assistants held a meeting on December 1 at which Mr. R. H. M'Candless (President of the branch) presided. A wire was received from the Central Committee in Dublin asking Belfast members to await instructions before taking action. After a heated discussion this was agreed to. Instructions to "withdraw labour on Wednesday night" were received later. Mr. J. Payne, from the Union headquarters in London, has arrived in Ireland. A large meeting of the Cork branch of the Irish Chemists' Assistants' Association was held on November 30, at which the Chairman (Mr. V. O'Sullivan) said the arbitration award was most unsatisfactory. The offer was made to all assistants, both qualified and unqualified, of 7s. 6d. a week increase, and he was sure that what had been rejected by Dublin, Belfast, and Limerick would also be rejected by Cork, because it was not a sufficient advance for men earning only 11. 17s. 6d. a week. The employers proposed increasing the hours from a six-day to a seven-day week, with time and a-quarter for Sunday (which the assistants had already obtained, and intended to keep). The employers had practically offered them nothing as regards the apprentice-ship or manager question. He believed a settlement could be arrived at locally, but as the demands were on behalf of the chemists' assistants for the whole of Ireland they in Cork could not settle it. The Secretary (Mr. Jackson) then read the demands of the assistants and the offer of the employers made at the Dublin conference. The employers offer was afterwards unanimously rejected, and the strike commenced on December 1 at midnight. There are four chemists in town who are said not to be affected. Dublin chemists' assistants, numbering about 200, went on strike on December 1 and the decision to strike was immediately communicated to other areas throughout the country. The employers state they will carry on business under difficulties, and have asked the public to assist by sending in prescriptions as early as possible each day. Mr. Gordon Campbell. Ministry of Labour, made a further effort to settle the dispute, but was unable to arrange a conference. a meeting of assistants in Limerick it was agreed that. whatever action the parent body in Dublin decided upon, the Limerick branch would accept.

Mr. R. J. Kidney (Secretary of the Irish Chemists' [Employers] Association) has written to the Irish Press placing the responsibility for the present position upon the assistants, and in a statement issued by a number of Belfast assistants it is claimed that employers have broken faith on the apprenticeship question.

Scottish News.

A chemist in a large town in Scotland, who recently retired from business, estimates that he has lost only 2s. per annum through bad debts.

Apprentices' wages in Scotland these days are quite up to date, judging from recent newspaper advertisements. Ten shillings weekly to start with is a frequent offer.

Mr. John Fraser, chemist and druggist, Dumfries, has been appointed a member of the new Management Committee of Dumfries and Maxwelltown town council.

Mr. Alexander Turner, Ph.C., Dumfries, has issued a wall-calendar for 1920. The calendar, which measures $15\frac{1}{2}$ in. by $10\frac{1}{2}$ in., has, above the tear-off portion, a striking figure of Britannia, who is depicted acknowledging symbolically the services of the Army and Navy.

Dr. Kelso, Broxburn, who is a candidate for a seat on Linlithgowshire County Council, has issued an address, in the course of which he says: "The National Insurance Act, badly misnamed, and now to be administered by the Scottish Board of Health, is one of the most gigantic frauds which has ever been saddled on a community without their consent."

Aberdeen.

Lecturing recently, under the auspices of the Aberdeen Chamber of Commerce, on "What Science has done for Industry and Commerce," Dr. J. F. Tocher, Ph.C., said that science the thinker, industry the worker, and commerce the carrier, all contributed to the common good. Science, the offspring of the intellect, grew with the development of the intellect. Probably the greatest contribution of modern thought was the concept of evolution as applied first to life in general and extended to the inanimate. Evolution was not used by manufacturers as a concept to enable them to make anything, but if it was a correct description of facts it affected manufacturers, workers, and merchants, because it affected all mankind, and had therefore to be taken into account in considering the relationship between employer and employé. They could not mention a branch of science which had not some bearing on the development of the practical affairs of life.

Edinburgh.

"A Scottish city," writes a correspondent, "now possesses its first lady chemist in business.

A brisk correspondence has arisen in the local Press concerning the profits made by panel chemists. Scott" suggests that the public "will wonder why the chemists have been such fools as to continue to give their services at 2d. per prescription. A haircut costs from 8d. to 1s." "C." thinks that chemists are doing too well. "Co. 2" informs "C." that chemists "will not continue Insurance dispensing at the pre-war rate.'

An advertisement for a shop in High Street, Kirkcaldy, suitable for a "drug store," appears in the local Press. Mr. R. S. Ramsay, chemist and druggist, Cardender, has been elected president of the Cardenden Curling Club. In some parts of Fifeshire, commencing with the New Year, the evening consulting time of the medical men will

be one hour earlier than at present in consequence of the earlier closing of the chemists' shops.

An inquiry has been ordered, under Section III. of the Fatal Accidents and Sudden Deaths Inquiry (Scotland) Act, 1906, into the death at Thornton of the wife of James Grieve, mill worker; the cause of death is stated to be bromide-poisoning.

Mr. Peter Fenton, chemist and druggist, Cardenden, has taken over the business of Mr. R. S. Herd, chemist and druggist, 101 High Street, Kirkcaldy. The business was formerly owned by Mr. H. Allan. Mr. Fenton is continuing his Cardenden business as a branch.

Glasgow.

Considerable damage was caused by an outbreak of fire at the works of Montgomerie. Stobo & Co., Ltd., manufacturing chemists, George Street, on November 26.

Dame Gwynne-Vaughan, C.B.E., D.Sc., F.L.S., who has lately received the LL.D. degree of Glasgow University, has presented to the University a valuable botanical collection. Her late husband also was well known as a distinguished botanist.

In the course of a paper on "A Public Medical Service," read in Glasgow on November 25, the clerk of the Glasgow Insurance Committee estimated that, under a system of local health centres, medical service of a complete kind could be provided at a cost of 5s. 3_2^3d . a head per annum, the annual cost of the present incomplete service being 7s. 6d. a head.

Poisonings.

THE following fatal cases of poisoning have been recorded since our last report:

At Salford a metal worker named Grice committed suicide by taking carbolic acid.

At Stone, Kent, Evelyn K. Smith, a hospital nurse, committed suicide by taking a narcotic used at the

An inquest was held at Hammersmith, on December 3 on the body of Mr. James Warner Elliott, a medical practitioner residing in Askew Road, W. Evidence showed that he had been suffering from depression, and that when seen reading a book entitled "Fatal Doses" he remarked, "I expect I shall do it some day." Death was certified as due to hydrocyanic-acid poisoning. A verdict of "Suicide while temporarily insane" was recorded.

At Birmingham, on November 24, an inquest was held on the body of Mr. Joseph Spencer, chemist and druggist, who died on November 22 (C. & D., November 29, p. 77). The widow stated in evidence that on that day she left him in his bedroom, and returning about half an hour later could not wake him. Some months ago he had taken chloral hydrate. Witness was under the impression that the bottle which had contained the chloral hydrate was empty. She presumed he had put water into the bottle and had drunk the contents, not realising, in the darkness, the quantity. Medical evidence having been given, a verdict of "Death through misadventure was recorded.

In the course of the inquest, held at Stoke-on-Trent, on November 26, on the body of Mr. W. F. Holtom $(C.\ \&\ D.)$, November 29, p. 65), evidence concerning the purchase of the poison used was given by Mr. Walter Tipper, chemist and druggist, 205 London Road, who stated that the deceased called at the shop on November 24. At first he asked about some syphons witness had to get for him. Mr. Holtom then said, "By the by, Tipper, can you let me have an ounce of hydrocyanic acid?" Witness said, "What do you want it for?" and Mr. Holtom replied that he wanted it to poison a dog and a cat. Mr. Tipper said he told Mr. Holtom that it was a dangerous thing to use, and added, "As I am accustomed to poisoning dogs and cats, would it not be better if I came up myself and poisoned them?" Mr. Holtom replied, "Oh, that is all right. My gardener will poison them himself." Witness then let Mr. Holtom have the hydrocyanic acid. Mr. Tipper produced his poison-register for the inspection of the Coroner, and said he would refuse the ordinary person who asked for hydrocyanic acid. Mr. Holtom seemed quite as usual.

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Association of British Chemical Manufacturers.—An official Directory of Members, with a classified list of the manufactures carried on by the members, has been issued by the Association of British Chemical Manufacturers, 166 Piccadilly, London, W. 1. The directory is printed in six languages, and the chemicals named are the actual manufacture of the firms mentioned in the list. The combined capital of the members of the association exceeds fifty million pounds.

The Profiteering Act.

APPEAU

The Middlesex Profiteering Appeal Committee, on December 1, allowed the appeal of a dairyman who had been ordered to refund 3d. on a $\frac{1}{2}$ -lb, jar of honey sold for 1s. 6d. The respondent's invoice had been challenged by the local Committee, but the Appeal Committee held that they had no reason to doubt its accuracy.

EDUCATING THE PUBLIC.

Writing to "The Evening News" on the question of a cost-price basis, Mr. W. E. Gaze, chemist and druggist, Higham's Park, London, E. 4, argues for the recognition of current price, and adds that the retailer "takes his chance of any rise or fall in the market before another sale takes place. My experience," concludes Mr. Gaze, "is that the average profit remains about the same."

TOURING INSPECTORS APPOINTED.

At the sitting of the Kensington Profiteering Committee on December 1, a letter was read from the Board of Trade stating that inspectors representing that Department had now been appointed, and were about to begin tours throughout the country. The Board, it was added, would be glad to receive suggestions and recommendations from the Committees, and would give any advice or assistance required.

CENTRAL COMMITTEE'S PROCEEDINGS.

At the sitting of the Complaints Tribunal of the Central Committee in London, on November 27, a complaint was brought against S. Bowley & Son, Ltd., Battersea Bridge, S.W., the allegation being that 2s. 6d. a gallon was charged by them for benzol, while other companies delivered at 2s. 4d. On behalf of the respondents it was stated that they bought the spirit at 2s. 1\(\frac{1}{4}d\) a gallon. In this case a special delivery was necessary, involving the use of a five-ton lorry, and it was estimated that they had lost over 30s. The chairman said that the Tribunal held that there was no case of profiteering. They were inclined to think that an attempt was being made to create a "corner," and they proposed to bring that fact before the Committee dealing with combines and trusts.

LOCAL COMMITTEE'S CRITICISMS.

The Walthamstow Profiteering Committee passed a resolution on November 29 stating their conviction of the futility of the Profiteering Act as administered locally, and urging that the Board of Trade should forthwith institute inquiries into manufacturers' and other wholesale prices. It was decided to ask the Board of Trade to receive a deputation on the matter.

The Wandsworth Profiteering Committee has issued a protest against the practice "said to be adopted by certain manufacturers or wholesale dealers" of fixing the price at which an article supplied by them must be sold by the retailer, under penalty of the stoppage of further supplies. It is of opinion that if this practice is extended, "as seems likely to be the case," the administration of the Profiteering Aot by the local Committee will be to a large extent rendered futile.

Complaints,

ACTON.—At the sitting of the Profiteering Committee on December 1, it was decided to hear a complaint against Boots, Ltd., who were alleged to have charged 2s. 8d. for a tin of Savory & Moore's Food at a local branch.

Bermondsey.—At a recent sitting of the Profiteering Committee Mr. Truman (Poingdestre & Truman, chemists, 71 Old Kent Road) again appeared in answer to a charge of selling aspirin tabloids at two prices, 18. 3d. and 1s. The case had been adjourned (C. & D., November 29, p. 70) in order to ascertain the wholesale price from the manufacturers, Burroughs Wellcome & Co., Snow Hill, E.C., and this was now produced by the town clerk, and treated as confidential information. The Committee dismissed the case.—Mr. Robert Blackie,

chemist, wrote stating he was appenling against the decision of the Committee ordering him to refund 2d, and 1d, respectively on the sale of two cubes of camphor at his two shops in Jamaica Road (C, d, D, November 29, p. 70). The town clerk pointed out that no Appeal Committee had yet been appointed for London, and the Committee decided to write to the Board of Trade urging them to appoint an Appeal Committee at once.

Bristol.—At the sitting of the Profiteering Committee on November 25, T. G. Northam & Co., Ltd., were ordered to refund $3\frac{1}{2}d$, on a charge of 2s. 8d. made for $\frac{1}{2}$ lb. of pepper, the cost price of which was given in

evidence as 4s. 1d. per lb.

CLEETHORPES.—At a recent sitting of the Profiteering Committee, Mr. J. Forrester, chemist and druggist, was the respondent in a complaint of having charged more than other chemists in the town for Neaves' Food. Mr. E. B. Chapman, who appeared for Mr. Forrester, explained that other local chemists obtained their supplies of this food from Mr. Forrester, and he had neglected to notify them of the increase in price announced by Messrs. Neaves. Mr. Chapman also contended that no offence had been committed, as the profit was not in excess of the pre-war profit. The Committee dismissed the complaint.

Enfield.—At the sitting of the Profiteering Committee on December 1, the adjourned case of a prescription dispensed by Mr. R. Kuight Hepburn (C. & D., November 22, p. 50) was considered. It was reported that a copy of the prescription had been sent to the Society of Apothecaries, in order to obtain an idea what was a fair price. The result was somewhat ambiguous; whereupon Mr. H. Skinner (representing the North London Pharmaceutical Association) pointed out that it was merely a question of the ratio of profit, and that under section 2 of the Act the case should be dismissed, as the profit was about half what it was in 1914. After some discussion, the case was dismissed.

Felixstowe.—At the sitting of the Profiteering Committee on November 28, a complaint was heard against a chemist (a member of the Committee) who had satisfactorily answered a complaint at the previous meeting. It appeared that he had charged 3d. for 4 lb. of linseed. The complainant said he had obtained linseed at a Felixstowe shop at 6d. per lb. The chemist produced an invoice showing that he obtained linseed at the rate of 90s. per cwt., and he was selling at the rate of 1s. per lb. He obtained 7 lb., which cost him 5s. 8d., leaving a profit of 1s. 4d. on the 7 lb., which he considered was reasonable. The Committee decided to send samples to the Central Board to ascertain how the difference arises in the two prices.

Hendon.—At a recent sitting of the Profiteering Committee, Mr. T. J. Evans, Ph.C., Finchley Road, N.W., was the respondent in a case of alleged overcharge for Clarke's Pyramid Night Lights, the price charged being 1s. 3d. The case was adjourned for the production of further invoices.

Hornsey .- At the sitting of the Profiteering Committee on December 3, Parke's Drug Stores, Ltd., Crouch End. N., were the respondents in a case of alleged overcharge for Burroughs Wellcome & Co.'s cascara sagrada tabloids, for which 1s, 9d, had been charged. Mr. Herbert Skinner, who appeared for respondents, was not allowed to defend, on the ground that evidence on oath was required. It was proved that the price in question was the correct one, and the case was dismissed.-At the same sitting a complaint concerning the sale of 1 oz. of boric lint for 41d. at the Muswell Hill Branch of Parke's Drug Stores. Ltd., was dismissed, the complainant failing to appear .- At the same sitting, Mr. H. Kemp, chemist and druggist, Muswell Hill, was the respondent in a case in which 71d. had been charged for 2 oz. of boric lint. Mr. Andrew represented the Chemists' Defence Association, Ltd. The complainant failed to appear, and the case was dismissed.

Hounstow.—At the sitting of the Profiteering Committee on November 28 a complaint was laid against Mr. Pelham C. Young, chemist and druggist, High Street, for having charged $3\frac{1}{2}d$, for a medicine-bottle. Mr. Alfred

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Higgs, J.P., treasurer of the Thames Valley District Pharmacists' Association, appeared for the respondent. Complainant, who did not appear, wrote that he took a prescription from a doctor to the respondent, who charged $3\frac{1}{2}d$. for the bottle, and he was told when it was brought back he would be allowed 11d. for it. Mr. Higgs said that he had not even the date of the transaction. He complained that the notice to attend was informal. It contained no date or details of the price charged or size of the bottle. He had not got the prescription. The chairman: Have you the name of the complainant?—Yes. The chairman: Then you could look up the prescription.—I do not even know that it was a prescription.
The chairman: Do you sell empty bottles?—We do. He went on to complain that the summons was out of order. The chairman ruled against him. A member said that his sympathies were with the respondent. all, the Committee was there to protect honest trades-men against frivolous complaints. The chairman said that the clerk sent the usual form required by the Board of Trade. Mr. Higgs said that at other Tribunals he had been supplied with details. If he was given the information now he might get on with the case. As complainant was not present it was usual to dismiss the case. wanted to ask complainant questions. The complaint was read, and Mr. Higgs suggested that it appeared to be a 6-oz. bottle, for which the charge was $3\frac{1}{2}d$., with cork and label. He handed in a list of prices laid down by the National Insurance Commissioners, who allowed 3½d. to be charged for bottles from 4 oz. to 8 oz. A member: Was it issued before the advent of the Profiteering Act?-Yes, in August. Another member asked if these bottles were bought from the public for 1d. or $1\frac{1}{2}d$. Mr. Higgs said that question did not arise. He regretted that respondent was not present, but he was ill. He could not enter into a discussion on second-hand bottles. Replying to a question, he said that 8-oz. bottles were 40s. a gross. The complaint was dismissed. Mr. Higgs: I think you should say it was frivolous. The chairman: I agree with you.

ILFORD.—At the sitting of the Profiteering Committee on November 26, a Mr. Bailey lodged a complaint against Mr. J. Binder, High Road, for having charged him 18. 3d. for a stick of shaving-soap. He stated that on November 15 he went to respondent's shop and asked for a stick of shaving-soap, and was told that they were all 1s. 3d. each. He complained of the price, but made the purchase. When he got home and opened the case he saw the price marked as 6d. He had since written to the manufacturers of the article and obtained a list showing the price to be 9d. After a lengthy hearing the chairman said the Committee were quite satisfied there had been profiteering, and would recommend a prosecution to the Central Committee.

Kensington.—At a recent sitting of the Profiteering Committee, a complaint was heard against John Barker & Co., Ltd., High Street, who were alleged to have charged 1s. 3d. for a bottle of Gregory's-powder tablets, 1s. having previously been paid for the same size. It was shown by an invoice that the profit made by the respondents was 26.5 per cent. The case was dismissed, the Committee deciding to refer the question regarding the wholesaler to the Board of Trade.

Lambeth.—Mr. W. J. Wallace, chemist and druggist, 109 Rosendale Road, S.E. 21, appeared in answer to a complaint that he had overcharged a Mr. Freeman for nine glycerine pastilles made by Allen & Hanburys, Ltd., for which the complainant paid 6d. It was alleged that two other local chemists sold a similar pastille, made by the same firm, at 5d. per oz., and one ounce he bought contained twelve pastilles. Respondent said that the pastilles cost 4s. 6d. per lb., and the minimum price at which they could be sold, according to the makers, was 6d. per oz., showing a profit of 43 per cent. Before the war he made a profit of 52 per cent. on the same article. The case was dismissed.

Lewisham.—At a recent sitting of the Profiteering Committee a complaint for preliminary investigation related to a charge of 1s. for 40 saccharin tablets, as

to which the complainant wrote that in the same road he had purchased 100 tablets (the strength of which was stated on the wrapper) for the same price. In the case of the first purchase no strength was stated. The town clerk asked whether saccharin came within the section, and the chairman remarked that the only heading under which it came was drugs. The Sub-Committee decided to take the opinion of the Board of Trade as to whether saccharin was within the schedule.

LLANDAFF.—At a recent sitting of the Profiteering Committee, a tradesman, called upon to explain a charge of 2s. 6d. for two 2-oz. bottles of Bovril, said that he was ill at the time, and the business was in charge of an in experienced assistant. A refund of 2d. was ordered.

experienced assistant. A refund of 2d was ordered.

City of London.—At the sitting of the Profiteering Committee on December 3, it was reported that a complaint had been received regarding the price charged for camphor by Mr. E. D. Foster, Ph.C., 56 Bishopsgate, E.C. The complainant had alleged that he was charged 2s. for a block of camphor which weighed slightly under 1 oz. The complainant also wrote stating that the Civil Service Stores sold camphor at 1s. 5d. per oz. When the case was called on the complainant failed to appear, and a solicitor who appeared for Mr. Foster asked for the complaint to be dismissed. The chairman said it was probably in the interests of the respondent to have the case tried, and Mr. Foster than produced invoices showing that on November 18 he purchased camphor at 22s. per lb. He added that prior to the war he sold camphor at 4d. per oz., or 4 oz. for 1s. Now he charged 2s. per oz. The Chairman: The Committee are agreed that it is not necessary to go any further with this case. We all know that camphor evaporates. The case will be dismissed.

MANCHESTER .- At the sitting of the Profiteering Committee on November 25 a complaint was heard against Westmacott & Son, chemists, Market Street. It was alleged by Mary E. Hobson, a policewoman, that 6s had been quoted by Messrs. Westmacott as the price of a oneminute clinical thermometer, while about 4s. 6d. had been asked for similar instruments at six other shops. the respondents, Mr. Lustgarten stated that this was a matter of considerable importance to chemists. cheaper article only had been produced, and evidence should be forthcoming to explain why it was cheaper. Messrs. Westmacott purchased these thermometers wholesale at 2s. 11d. each, and their price represented a smaller relative profit than they had made before the war. The Committee considered that the price asked was excessive. There could be no refund, as there was no sale, but they recommended a prosecution.

ROMFORD.—At the sitting of the Profiteering Committee on November 28, Mr. T. F. Edwards, a member, made two complaints against another member, Mr. Thomas England, chemist and druggist, who was not present. Mr. Edwards retired while these cases were investigated. The first complaint was that on November 14 Mr. Edwards's daughter purchased three Seidlitz powders at Lasham's, Victoria Road (the business of Mr. England). She was charged 9d. for them, and, as the wholesale price was 1s. 2d. per dozen, the charge showed more than 150 per cent. profit. The second letter stated that 2d. was charged for ½ lb. of Glauber's salt at Lasham's. The wholesale price was 135 6d. per cwt., showing a profit of 435½ per cent. The clerk said that the pre-war prices of Seidlitz powders were $1\frac{1}{2}d$. and 2d. each. Whether the $1\frac{1}{2}d$. ones were of different quality, or whether the 2d. ones contained a larger quantity, he was unable to say. The Glauber's salt was charged at the rate of $\frac{1}{2}d$. per oz. He believed it was generally sold in 1-oz. or 2-oz. packets at 1d. per oz. The chairman: Is it not now our duty to compare the present-day wholesale price with the wholesale price before the war, and also to compare the retail prices? It was decided that the clerk should obtain full particulars as to prices, etc., and the cases were adjourned for a week.

SHEFFIELD.—At the sitting of the Profiteering Committee, on November 28, a complainant stated that G. T. W. Newsholme, Ltd., had charged him 3s. for a

28. 6d, tin of Allen & Hanburys' rusks. Mr. H. Jackson, who appeared for respondents, asked for a ruling as to the procedure. The Committee decided that he should not address them. Mr. John Austen, Ph.C., managing director of Messrs. Newsholme, said that the goods were invoiced on October 24, but not received until November 3. On November 1 the selling price was increased to 3s. The article was sold on November 8. They had goods, on the other hand, that had been reduced in price. Mr. F. W. Gamble, Ph.C. (Allen & Hanburys, Ltd.), said that the price had been increased through the cost of raw materials, and, if Messrs. Newsholme had been underselling, they (the makers) would have taken steps to stop their supplies. Mr. E. Preston, Ph.C., President of the Sheffield Pharmaceutical and Chemical Society, said he did not consider that an unreasonable price had been charged. Mr. J. T. Appleton, chemist and druggist, district secretary for the Proprietary Articles Trade Association, said he had reported several cases of underselling; the offenders had been placed upon the "stop" list. The Committee decided that respondents must refund 6d. An appeal has been lodged.

WALSALL .- At the sitting of the Profiteering Committee on December 1, a complaint against Needhams, Ltd., chemists, Park Street, was heard, the subject-matter being a charge of 1s. for 1 lb. of linseed. The complainant, in evidence, stated that on November 10 Messrs. Needhams asked him 1s. per lb. for linseed, but two other firms in the same street asked him less-8d. and 81d. respectively. The price at the Darlaston branch of Messrs. Needhams, where he had previously inquired, was only 8d. Ultimately he obtained linseed from a provision merchant for 6d. per lb. Mr. Frank Cooper, solicitor, who appeared for the respondents, stated that before numerous Profiteering Committees the question had been raised whether it was possible to fix a standard percentage of profit which would be proper to a variety of articles. He was prepared to call evidence on behalf of Messrs. Needhams showing that it was almost impracticable. Supplies had to be replenished from time to time, and in no trade did prices vary more frequently. At the Park Street shop of Messrs. Needhams there were no less than 4,000 different kinds of articles. Furthermore, many of the largely advertised proprietary lines were sold at practically no profit at all; for Bile Beans the percentage was 7.1, for Peps 7.1, for Zam-buk 7.1, for Beecham's Pills 8.3, for Doan's Pills 3.5, for Williams' Pills 5.4, and for Clarke's Blood Mixture 8.4. The Chairman: So what you lose on the swings you gain on the roundabouts? Mr. Cooper: Yes; but we don't get a lot on the roundabouts. Continuing, he said that it might be possible to buy linseed cheaper at the shops of other chemists, who did what was known as the "heavy" trade. This particular linseed was bought in September last at the rate of 66s. per cwt. (7.07d. per lb.). If they desired to replenish their stock to-day the rate would be 8.03d. So difficult was it for any human being to retain in mind the many fluctuations in prices caused by the war in the large variety of goods in a chemist's shop, that the trade now issued two price-lists. which were revised monthly—the "Minimum Retail Price List" and the "Standard Retail Price List." Both these lists for November gave the price of linseed as 1s. per lb., and it was upon this that the manager of the Park Street shop based his charge. He was prepared to call Mr. F. E. Bannister. Bloxwich, and several other chemists, to testify that prior to the war 17s. per cwt. was paid for linseed, and it was sold at 4d. per lb. The percentage of profit on pre-war cost worked out at 108.33, and or sale price it was 52.00. On the basis of the present market price the percentage on cost was 49.97, and 33.08 on sale price. Mr. Alfred Tyreman, chemist and druggist, manager to Needhams, Ltd., produced an invoice showing that the linseed was bought at 66s. per cwt. 'iter a consultation in private, the chairman announced that the Committee were satisfied that there was no justification of the complaint that Needhams, Ltd., had made an unreasonable profit. Different prices at different branch shops were difficult for the public to understand, but in this case they had had the explanation.

Walthamstow. -At a recent sitting of the Profiteering Committee a complaint was heard concerning the purchase of a notebook at 72d. from Wood's Stationery Depôt, James Street; the book contained a 1914-15 calendar. The owner of the business, Mr. A. J. Gray, chemist and druggist, Hawkhurst, forwarded two books purchased elsewhere to show that the profit was a fair one. He explained that he recently bought the business, and his assistant asked the representative of Sir Horace Marshall & Son what would be a fair price for the books, and he told her 71d. His business was increasing, and he did not think that it would do that in a working-class district unless it was conducted in a sound, honest way. In a second letter, Mr. Grav forwarded a statement showing that he purchased the books from the late proprietor at 5s. 3d. a dozen. The chairman: If he had been a stationer and not a chemist he would not have paid that price. A prosecution was directed.

WALTON-ON-THAMES .- At a recent sitting of the Profiteering Committee, a complaint was made by a resident respecting a prescription for which he was charged 5x. Complainant stated that when a further supply was required he went to another shop for half the quantity, and was charged 1s. 6d.; he then obtained from the first shop 1 oz. of cod-liver oil and 1 oz. of iron wine, for which he was charged 1s. 5d., but at the second shop he was only charged 9d. for the same quantity. The chairman said he thought it was a case that needed investigation. The complainant stated that he wished the poor to have what was right and proper, but did not bring it forward with the idea of having the chemist prosecuted. The question arose as to whether the second chemist should be called, but the chairman said he did not think it was necessary, as it was not a dispute between two tradesmen, and it might cause friction and bad feeling. It was decided not to call the second chemist.

West Ham .- At the sitting of the Profiteering Committee on November 26, a tradesman was ordered to refund 2d. on a charge of 6d. made for 2 oz. of pepper, the cost price of which was given in evidence as 28. 6d.

Westminster.—At a recent sitting of the Profiteering Committee, a Mr. Robinson complained concerning a charge of 3s. for the following mixture: Tinct. ergotæ amm., tinct. hydrastis, aa siv., aq. chlorof. ad sviij., the respondents being Blake, Sandford & Blake, 49 Dover Street, W. It was alleged that the charge elsewhere was 2s. 3d. Mr. L. T. Underwood, chemist and druggist, manager to the respondents, stated that he could not trace the invoice for either of the tinctures. Mr. B. R. Wilkinson, Ph.C. (W. H. Stickland & Co., Cromwell Place, S.W.), gave evidence as to the great increase in overhead charges during and since the war, adding that one-third of the whole establishment charges was due to dispensing. While a qualified man was turning over 11. at the dispensingcounter an assistant at the retail-counter would turn over 11. in much less time. The case was adjourned for the production of invoices; and, at the next sitting, a refund of 6d. to the customer was ordered.—At the sitting of the Committee on December 1, a War Office official complained that while having his hair cut at the Admiralty Toilet Saloon, Charing Cross, the manager advised him to use a pneumatic hairbrush. Such an article might be bought at any chemist's shop, he was told, but later he was informed that they had one in the saloon. He bought the brush for 14s. 6d., and afterwards saw similar articles in windows in the Strand priced at 58. 6d. An invoice showed that the cost price of that type of brush was 54s, per doz., and it was stated for the respondents that a commission of 4s. in the £ was paid to the assistant on sales effected in the saloon. The Committee ordered a refund of 7s., and intimated that proceedings would be taken.

WOOLWICH .- At a recent sitting of the Profiteering Committee, a Mr. Wilks brought a complaint against Mr. A. Goldthorpe, chemist and drnggist, Herbert Road. Plumstead, for charging 4d. for 1 oz. of compound liquorice-powder. Mr. Kirby (Beck, Neve, & Kirby), who

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appeared for the respondent, admitted the sale, and produced the "British and Colonial Pharmacist" price-list, duced the "British and Colonial Pharmacist" price-list, which scheduled the retail price at 4d. per oz. He said, however, that, in view of a very advantageous purchase that respondent had made of the powder in bulk, he could not justify that charge, and the price had been reduced from 4d. to 12d. per oz. The chairman: When was the reduction made? Mr. Kirby: After this complaint. He pointed out that in this case small quantities were dealt with. The town clerk remarked that the profit worked out at 400 per cent. Mr. Kirby said his calculation was 78 per cent. The town clerk said the Committee were advised that the proper way was to calculate profit with reference to the cost price of the article. The Committee ordered a refund of $2\frac{1}{2}d$, and said that a prosecution would follow.-At the same sitting Boots, Ltd., were respondents in a complaint by F. Symmons, who stated that at their Powis Street shop he was charged 22s. 6d. for a gentleman's body belt. The case was dismissed.—At the same sitting there was another complaint against Boots, Ltd., in respect of 6d. paid for a stick of liquorice. Mr. Percy Sparkes, chemist and druggist, suggested that the actual profit made was 42 per cent. The chairman contended that the profit was 100 per cent. Mr. Sparkes: We reckon the profit on the selling price. The town clerk: We reckon on the cost price. The chairman said that they could not get away from the fact that 100 per cent. profit had been made. Ultimately the Committee decided to refer the matter to the Central Profiteering Committee.

Worcester.—At a recent sitting of the Profiteering Committee a complaint concerning a charge of 3d. for 1 oz. of pepper was dismissed, it being shown in evidence that the cost price was 4s. per lb.

Prosecutions.

At Kensington, on December 2, the International Tea Co.'s Stores, Ltd., were fined 20l. by the divisional magistrates for having sold $\frac{1}{2}$ pint of "cooking vinegar" for $4\frac{1}{2}d$. (C. & D., November 15, p. 48).

At Highgate, on December 3, Nellie Norman, assistant at a local grocer's, was summoned, at the instance of the Hornsey Profiteering Committee, for having obtained an unreasonable profit by charging 2s. for a pint of methylated spirit. A refund of 6d, had previously been ordered by the Committee. After hearing an argument as to whether the assistant was "the seller" under the Act, the Bench dismissed the case.

At St. Pancras, London, on December 1, Boutalls, Ltd., were summoned for having sold at their Marchmont Street shop 4 oz. of powdered borax for 6d. (C. & D., November 8. p. 51). The Profiteering Committee had ordered a refund of 3d. After hearing the case the Bench decided that there had been an excessive charge, and fined the defendants 10l., with 5l. 5s. costs.— Boutalls, Ltd., were also required to answer a charge of having sold 2 oz. of Scott's dressing for 1s. 7d. and 1 oz. of cream of tartar for 6d., but these summonses were dismissed.—At the same Court, Parke's Drug Stores, Ltd., were summoned, at the instance of the St. Pancras Profiteering Committee, for having "sought" 10½d, for a box of quinine-and-phosphorus tablets (C. & D., November 8, p. 51). Mr. Duncan, barrister, appeared for the defendants. The case having been stated for the prosecution, Mr. Alfred Higgs, J.P. (Kingston-on-Thames), was called for the defence, and proved that the tablets did not bear a larger ratio of profit than similar tablets sold before the war. Mr. Higgs told the Bench that unless chemists made at least 100 per cent. upon tablets such as these they could not carry on their businesses. Evidence was brought by the defendants to show that the tablets cost 5s. 6d, per doz. to produce. Mr. Herbert Skinner, member of the Council of the Pharmaceutical Society, corroborated the evidence of Mr. Higgs The Bench dismissed the summons.

The NEXT ANNUAL CONGRESS of the Royal Institute of Public Health will be held in Brussels on May 20-24, 1920.

Legal Reports.

Libel Action.—In the High Court, on December 1, before Mr. Justice Darling, Sir Alfred M. Mond, M.P., applied for an injunction to restrain Mr. H. M. Fraser and Mr. H. Beamish from publishing a libel affecting him in his profession and office. The defendants alleged that plaintiff had had dealings with the enemy in regard to the allotment of shares in the Mond Nickel Co. During the hearing of the case interesting particulars were given regarding the foundation of the Mond Nickel Co., and Brunner, Mond & Co. Lord Moulton gave evidence that Sir Alfred Mond came to him in 1915 and offered to place at his disposal the whole of the resources of Brunner, Mond & Co. The offer was accepted later on, and the company did work in the manufacture of explosives, which was of great use to the country in the war. The company devised new methods of making nitrate of ammonia, and the prices charged were not higher than those of any other manufacturers. The case was continued on December 2, 3, and 4.

Carman's Notice.—In the Bow County Court, on November 19, before Judge Graham, K.C., Henry Wood, of 8 Ruston Street, Bow, a carman, sued Thos. Hill Jones, Ltd., manufacturing chemists, Invicta Works, Bow Common Lane, London, E., to recover 2l. 15s., a week's wages, in lieu of notice. Plaintiff was discharged at an hour's notice. He also received a packet in which was a week's money, and on it was written. "We shall not require your services after to-day, owing to slackness. Enclosed is one week's money, in lieu of a holiday to which you are entitled." Plaintiff claimed to be entitled to a week's notice money, as well as the holiday. Defendants produced a document signed by plaintiff, which read as follows: "I hereby agree that I am a daily servant, and subject to dismissal at an hour's notice, notwithstanding that wages are paid for convenience weekly." Judge Graham: Judgment for the defendants, with costs.

Shops Act.—At Tower Bridge Police Court, London, recently, Charles Henry Siddell, chemist and druggist; 16 Lower Road, Rotherhithe, appeared in answer to as summons issued at the instance of the London County Council, under the Shops Act, for failing to close his shop for the weekly half-day (Thursday). Maud Bishop, an inspector under the Act, said that on September 25, between 6 and 6.30 P.M., she was near defendant's shop, which appeared to be closed. Several people were standing about the door, which was suddenly opened, and the people went in. The door was again opened, and a little girl came out, carrying a box of carbolic tooth-powder. She took the girl back to the shop, knecked, and was admitted by a young man. She called his attention to the infringement of the Act, and he told her he was not the proprietor, and called her attention to the young woman behind the counter, who, he said, was the guvnor's daughter. Witness spoke to her, and she replied: "I don't know what I can sell and what I can't." Witness said it was a pity she was left in charge. Witness saw no notice in the shop. She could not say if there was one in the window as the shutters were up. She knew it was the practice for panel doctors to see those patients after 6 P.M. No doubt some of their prescriptions were urgent. Mr. Bingley asked what was the point about the notice. The solicitor representing the London County Council replied that without a "mixed trades" notice no shopkeeper is entitled to be open at all on the early-closing day. Defendant, in the witnessbox, said he had been seventeen years in business without complaint. He closed his shop at 1 P.M. on Thursdays, and was surprised to hear, on his return from a walk, that anyone had been served. His daughter, who was in the shop at the time, was not an assistant of his. There was a notice in the shop. Margaret Siddell, defendant's daughter, admitted having served a little girl with carbolic tooth-powder and a pennyworth of boracic powder. Mr. Bingley said it was a clear case.

and fined defendant 20s.—With reference to the case at Bow Street Police Court, London, reported last week (p. 74), in which Mr. T. Morgan Davis, chemist and druggist, of Coventry Street, Piccadilly, and his assistant, Mr. Sim, were fined 20 guineas (plus 5 guineas costs) and 40s. respectively, for an offence against the Shops Act, Mr. Barrington Matthews, solicitor, attended the Court on December 1 and informed the magistrate, Mr. Graham Campbell, that notices of appeal had been lodged against the convictions. He asked his worship to fix the sureties that would be required for the due prosecution of the appeals at the London Sessions. Although there were nominally two appeals the case was, he said, practically one. Mr. Graham Campbell said that in the matter of Mr. Morgan Davis's appeal there would have to be two sureties in 40l. each, or one in 80l., and in that of Mr. Sim two sureties in 20l. each, or one in 40l. Later in the day one surety in 80l. was tendered and accepted for the prosecution of Mr. Davis's appeal.

Valuation Charges .- In the City of London Court, on November 27, before Sir John Paget, K.C., Deputy-Judge, Mr. Joseph William Brown, trading as Orridge & Co., 56 Ludgate Hill, E.C., claimed 141. 3s. 6d. against Mr. William Ernest Shrive, chemist and druggist, 4 Edward's Terrace, Kensington, being one-half the costs or charges of plaintiff's valuation of the stock-in-trade, ntensils, and implements used in the business which defleudant bought from Mr. John Timmis. Plaintiff claimed the money alternatively as work done. The valuation was 995l. 16s. 6d. Mr. C. Brady appeared for the plaintiff and the defendant appeared in person. Mr. Brady said the defendant had stated, when the case was called before the Registrar, that he was only morally liable. Deputy-Judge said that was not a court of morals, and he could not give moral judgments. The plaintiff was called, and he said he was a chemist's transfer agent and valuer, and that he was instructed by the defendant and Mr. Timmis to value the chemist's business, utensils, and stock which the defendant was purchasing from Timmis-The instructions were given on March 28, and he had to value as between the parties. His valuation was to be binding and conclusive for both the parties. The valuation was carried out, in fact, and he had issued his appraisement on May 23. He sent in his account early in August, and the sale was complete on October 27 on the basis of his figures. His charge was a proper and reasonable charge, and one-half of it was payable by the defendant. That was following the custom of the trade and the agreement which the parties had made. In cross-examination the plaintiff said it was not the custom of the trade for anything to be valued which was not on the premises. He never valued anything unless he saw it. There were supposed to be 140 syphons belonging to the business which were out on loan to customers and which he did not see. Those had been included in the valuation. The Deputy-Judge: You cannot run round to all the customers' houses to see the syphons? The Plaintiff: No. The Deputy-Jndge: But your first answer is not without exception? Plaintiff said the 140 syphons were all put into the appraisement on the distinct understanding that if they were not returned the vendor would allow for them. That understanding was arrived at between the vendor and the purchaser. He agreed that if the syphons were not returned within a reasonable time Timmis would refund any sum that was lost. That was put into the appraisement in writing. As a matter of fact a record of syphons was kept in a book, and the number was given to him by Timmis's then manager. He told the defendant it would be difficult to get the syphons in from the customers as it might disturb them. The Deputy-Judge: Don't you charge the customer if he does not return the syphons? Plaintiff: Yes, he would be charged for them. The Defendant: His statement is not correct. There was no arrangement whereby I should be refunded the money. There is no proof that these syphons are out. It is quite illusory, and that is my objection to paying. That 140 syphons represents 171. 10s., according to his figures. I can furnish figures to prove they did not exist out-

side. No proper appraiser would have accepted such a statement. No syphon-book was kept. I warned the appraiser that it was wilfully wrong to include these syphons in the appraisement. When the appraisement came in I asked him what he included. Three months afterwards my books will prove that this is entirely wrong. I have paid the man I bought from on the appraisement, including this 17t. 10s. Mr. Brady pointed out that the defendant had admitted that the account was due, and had not raised any counter-claim. The Deputy-Judge: He paid on the basis of the appraisement because he was bound by the agreement. The Defendant: There was no signed agreement. It was an honourable debt. The Deputy-Judge: He might say without a counter-claim "I engaged you to do this work and you did it so badly you have landed me in for 17. 10s." That would be a defence, surely. Mr. Brady urged that it would not. The decision of the valuer had to be accepted by both parties as binding and conclusive. When the solicitor completed the matter on October 27 no question was raised about the syphons at all. The allowance had been made to the defendant in respect of a man they could not get off the pre-mises. Every point was raised that could be raised, but the whole matter was completed. Defendant, in cross-examination, said he was present at the completion when the business was handed over. He made no objection about the synhons then. He had the intention of paying if he could come to some arrangement, but the plaintiff immediately put the matter into Court. He went into occupation of the business on May 8. He did not know that he could arrange the matter with the vendor. His point was that the appraiser should appraise things properly. The Deputy-Judge said the defendant had a claim against Timmis. Mr. Brady said that was so. The defendant said Mr. Timmis was acting through an attorney who did not seem to be willing to do any-It was not agreed that the vendor should compensate him for syphons that were short. He was being charged for syphons with no proper account. not know how the plaintiff arrived at 140 syphons as being out on hire. There were only 46 in the place, and now he was charged with 140, which seemed to him most unjust. The Deputy-Judge said that the defendant had put himself into the hands of the plaintiff, who was practically an umpire and not an appraiser. The defendant had submitted to the plaintiff to settle the terms under the agreement. The plaintiff added that he had had a very large experience in valuing businesses, and had been doing it for twenty-seven years. There was a practice with regard to the much-vexed question of syphons in chemists' businesses. He invariably inquired whether there were outstanding syphons with customers, and he did that in the case in question. The manager said he had a syphon-book, and then witness said the manager had better let him know the number and they could be included in the valuation; but it must be understood that that would be corrected, and if the purchaser found that they were not returned Mr. Timmis must refund any sum that was deficient. The Deputy-Judge: In this case I must give judgment for the plaintiff, and I will tell you why. You agreed that this gentleman's valuation should be final, and therefore you are bound by what he has done. Therefore you cannot dispute it and go into it. The most you can do is to say that he has prejudiced vour interests, and you will not pay him any fee. Plaintiff has valued for many years and he has had twenty-seven years' experience. He has done the only thing, and that is to show that these syphons which are supposed to be returnable must be charged to the person who is buying the business. He takes the risk of them not coming back. There seems to ba further agreement in this case that whichever do not come back you will be allowed for. I think you had better see to the carrying out of that. Judgmen for the plaintiff, with costs.

An official decree has been issued in Belgium forbidding the importation, manufacture, and sale of cocaine, opium, morphine, and heroin.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

Conlon's Drug Stores, Ltd. (P.C.).—Capital, 700%. Objects: To carry on the business of chemists, druggists, drysalters, oil and colour men, etc. R.O.: 57 Deardengate, Haslingden.

SCIENTIFIC INSTRUMENT MAKERS, LTD. (P.C.).—Capital 6,000%. Objects: To carry on business as wholesale or retail scientific glass-instrument makers, metal workers, coppersmiths, glass-blowers, etc. R.O.: 47-8 Langburn Chambers, Fenchurch Street, London, E.C. 4.

Renbas Manufacturing Co., Ltd. (P.C.).—Capital, 25,000. Objects: To take over the business of manufacturers and merchants of surgical dressings carried on by Mark Sabner, and to carry on the business of cotton-spinners, etc. R.O.: 52 Princes Street, Manchester.

F. FROUD & SONS, LTD. (P.C.).—Capital 8,000%. Objects: To take over the business of surgical-instrument makers, gilders, and platers, carried on by F. Froud, & Froud, H. Froud, and F. A. Froud, at 191 Queen's Road, Dalston. R.O.: 126 Dalston Lane, London, E.C.

WM. BROWNING Co., LTD. (P.C.).—Capital, 70,0004. Objects: To take over the business carried on at Albert Works, Camden Town, N.W., as Wm. Browning & Co., Ltd., and to carry on the business of chemists, druggists, oil merchants, etc. R.O.: Albert Works, Park Street, Camden Town, London, N.W.

FOUR ASHES MANUFACTURING CO., LTD. (P.C.).—Capital 100,000l. Objects: To carry on the business of manufacturing chemists and manufacturers and distillers of tar and all products and derivates therefrom, manufacturers of oils, soaps, greases, paints, varnishes, and disinfectants, etc. Solicitor: W. O. Vizard, 10a Featherstone Buildings, London, W.C. 1.

STEDMANS (WEYMOUTH), LTD. (P.C.).—Capital, 2,000l. Objects: To take over the business of a chemist, photographic manufacturer and dealer, optician, etc., carried on by F. H. Cox, as "Stedman & Co.," at St. Thomas Street, Weymouth, and Melcombe Regis, Dorset (excepting "Belicia" and other special preparations belonging personally to the said F. H. Cox). The first directors are: F. G. Howard, M.P.S., 1 Lyndhurst Terrace, Weymouth, chemist; and C. H. Bulloch, Summerland, Weymouth. R.O.: 87 St. Thomas Street, Weymouth.

ALFRED BISHOP (SUBSIDIARIES), LTD. (P.C.).—Capital, 5001. Objects: To carry on the business of manufacturing, wholesale, and retail chemists, druggists, drysalters, oil and colour men, importers, exporters, and manufacturers of and dealers in pharmaceutical, medicinal, chemical, industrial, toilet, and dental preparations, etc. The first directors are: W. B. Bishop, North Dene, The Park, Beckenham, manufacturing chemist; and A. Bishop, Sunnyhill, The Ridgway, Wimbledon, S.W. 19, manufacturing chemist. R.O.: 48 Spelman Street Spitalfields, London, E.

British Cyanides Co., Ltd., have declared an interim dividend at the rate of 10 per cent. per annum (1s. per share), free of tax, on the ordinary shares for the half-year

PLYTOL CHEMICAL Co., LTD.—In the Chancery Division, on November 28, Mr. Justice Astbury made an order confirming a special resolution passed by the Plytol Chemical Co., Ltd., altering its memorandum of association so that it could carry on the business of manufacturing disinfectants, sheep-dyes, chemicals, and oils, in addition to selling and dealing in them.

Association of Manufacturing Chemists', Ltd.—The following have recently joined the board of directors of this association: Messrs, S. H. Carr (Sangers), H. B. Gauntlett (T. F. Bristow & Co.), F. W. Goodhall (Stearns, Ltd.), J. Stuart Hills (John Bell Hills & Lucas, Ltd.), H. E. Hipkiss (Southall Bros. & Barclay, Ltd.), F. H. Layman (Wright, Layman & Umney, Ltd.), and F. H. Lewis (Eucryl, Ltd.).

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

RETAIL TRADERS' LICENCES.

The Order under the Defence of the Realm Act which makes it necessary to obtain a licence to commence a retail business is to be revoked on December 23.

THE PROFITEERING ACT.

Sir A. Geddes stated in the House of Commons on December 1 that under the Profiteering Act the cost of administering the Act is especially charged against the local authorities. He also stated that so far no authority has been given power under Section 4 to purchase and sell any articles to which the Act applies.

MEDICAL RESEARCH COMMITTEE.

Dr. Addison stated on November 27 that the Medical Research Coumittee is to work under the control of the Privy Council after June, and that the funds available for the Committee's work will still be derived from moneys provided by Parliament under the National Health Insurance Acts. A separate vote will be made of this money.

WAR WEALTH INQUIRY.

No progress has yet (writes our Parliamentary correspondent) been made with the inquiry into increases of war wealth, the chairman of which is Sir William Pearce, M.P., owing to objection which has been taken to the terms of reference. The Independent Liberals desire that the inquiry should be extended into the question of a Capital levy to reduce the National Debt, while Lord Robert Cecil is anxious that the investigation should be conducted into a "special" levy for the same purpose.

PALM-KERNEL DUTIES.

Asked whether the French Government had imposed duties on the export from French Colonies of palm kernels, the Under-Secretary of State for Foreign Affairs stated in the House of Commons, on November 27, that the French Government has imposed export duties on oleaginous produce shipped from French West African Colonies to all destinations, including France. He added: It is therefore evident that these duties have not been levied as a retaliatory measure for the duty imposed on palm kernels exported from British West African Colonies to destinations other than the British Empire.

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PRIVATE FRYER'S CASE.

Mr. Robert Young, on December 2, asked the Secretary of State for War when Private Fryer, No. 85981, 11th Company, Royal Army Medical Corps, Military Hospital, Canterbury, who has been in the Army since November 1916, will be released, so that arrangements can be made for the resumption of his studies at college as a student of pharmacy.

Mr. Churchill replied: Private Fryer has been retained owing to the difficulty of finding a suitable substitute, and because his services were essential at the Military Hospital, Canterbury. Instructions have now been issued for his immediate demobilisation.

GERMAN DYES,

Major McKenzie Wood, on December 1, asked the President of the Board of Trade the quantity of dyes which has been consigned from Germany to this country, and whether any has yet been received; whether the values to be credited to Germany have yet been fixed; and whether the price to be paid by consumers is to be fixed on the principle laid down in the Export and Import Regulation Bill?

Sir A. Geddes replied: Approximately 200 tons out of a quantity of about 650 tons so far requisitioned are now on the way, but have not yet been received. The Reparatior Commission has not been formally established, and consequently no final decision has been taken as to the values to be credited to Germany. The prices to be charged to consumers will be announced shortly.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres. ENGLAND.

Durham.—Mr. W. Forster, Ph.C., Seaham Harbour, the chemists' representative on the Durham County Insurance Committee, has been appointed the Committee's representative on the North of England Joint Insurance (Prescriptions) Committee.

Exeter.—At a meeting of the Devon Insurance Committee held on December 1, Mr. P. F. Rowsell presiding, Dr. Nov Scott moved a resolution that a substantial addition should now be made to the rate of payment for pharmacists and doctors. The chairman observed that these professions had a good case for better payment than they had received. Mr. Taylor seconded the motion, and, speaking for the chemists, he claimed that there was no more patriotic body of men. The profit allowed to them was not adequate to the care and responsibility required in compounding prescriptions. Mr. Sprague thought what they had to aim at, in the interest of the community as a whole, was a State Medical Service He believed that a State plan would effect a national saving and be the means of securing greater efficiency. The chairman suggested that many things could be said for and against, and he appealed to the Committee not to discuss the question at large. Mr. Young agreed to support the doctors and chemists in seeking adequate payment. Several members pressed for an alteration of the wording of the resolution. The chairman said however the proposal was framed the Ministry of Health would not give the doctors and the chemists more than they were entitled to. Dr. Scott accepted the suggestion that he should substitute for the words "substantial addition" the words "fair and adequate," and in its altered form the resolution was agreed to. Copies of the resolution are to be forwarded to the Ministry of Health and the National Association of Insurance Committees.

Flintshire.—At a recent meeting of the Insurance Committee, Mr. Rees said there is now no chemist or doctor at Rhuddlan. It seemed a pity if people living there have to go to Rhyl or St. Asaph for medicine. The Clerk, in confirming Mr. Rees's statement, said that Ffynnongroew had two resident doctors who could supply the medicines.

London,-A meeting of the Insurance Committee was held on November 27 at which the reports of the various Sub-Committees were received. The following is abstracted from the agenda: The General Purposes Sub-Committee has decided that Benger's Food and Bovril should not be supplied to insured persons. The Medical Benefit Sub-Committee announced that they were communicating with Pritchard & Constance, Ltd., on the lines of the discussion at the Insurance Committee's previous meeting (C. & D., November 1, p. 69). The Sub-Committee also reported on several complaints against practitioners, and announced that the names of ten persons or firms had been added to, and ten removed from, the list of those supplying drugs and appliances. The number of persons on this list was constituted on October 31 as follows: Chemists in general business, 687; in institutions, 37; other persons, 24. The Pharmaceutical Service Sub-Committee reported on four complaints against chemists. The first was concerned with a dispute regarding repayment of an alleged deposit on a bottle, and the Sub-Committee found that a misunderstanding had arisen for which neither party was to blame. But as the chemist's manager had admitted making disparaging remarks regarding the National (Health) Insurance Acts. the Sub-Committee had pointed out that a question of policy of this kind should not be discussed over the counter. A complaint alleging delay on the part of a chemist in filling a prescription was found not substantiated. In a similar case where the chemist was said to have experienced difficulty with his staff he was found

to have committed a technical breach of his agreement, The fourth case was made by an insured person against three chemists, and in each charge the chemist was vindicated. The case against the first chemist was his refusal to supply for ordinary malt and oil a proprietary brand; the second referred to a request for a deposit on the container and also a delay in obtaining a creosote mixture for which the doctor had omitted to add the formula. The third ehemist had declined to dispense the creosote mixture because he was unable also to provide the malt and oil. He did not dispute his ability to supply malt and oil occasionally to private customers, but any preparation so supplied was a proprietary brand to which insured persons are not entitled unless it is ordered. The Sub-Committee added to their report on the third case that representations be made to the Ministry of Health with a view to securing increased supplies of malt and oil for insurance purposes. It was pointed out also that the patient seemed to prefer the proprietary brand, which contains less oil and is consequently more palatable. The Finance Sub-Committee reported that payments to chemists for the medical year 1919 amounted to 10,2382. 148. 10d. For dispensaries under the Sanatorium Benefit Fund payments amounted to 768/. 152. The total amount of accounts recommended for payment was 30,295l. 7s. 1d. The next meeting will be held on January 22, 1920.—The recommendations of the various Sub-Committees given above were agreed to.

Middlesex .- At a meeting of the Pharmaceutical Committee, held on November 19, it was reported that the September scripts numbered 54,729, average cost 9.48d.; prescriptions, 65,399; average cost, 7.91d. The average dispensing fee for the year varied from 3.75d. to 3.80d., and the average cost per insured person for the first nine months was 1s. $2\frac{1}{2}d$. The Draft Regulations for 1920 were considered and a deputation appointed to discuss arrangements with the Middlesex Insurance Committee. No difficulty was anticipated in arranging for an adequate service in 1920, provided satisfactory terms are allowed.—A meeting of the Middlesex County Executive was afterwards held, and steps were taken to deal with questions arising out of proceedings under the Profiteering Act .- The monthly meeting of the Insurance Committee was held on December 1 at the Guildhall, Westminster, London, Sir William Glyn-Jones (chairman) presiding. The Finance William Glyn-Jones (chairman) presiding. and General Purposes Committee recommended the payment of accounts amounting to 26,285l. 13s. Among them were the following to chemists: Balance August, advance September, 2191. 1s. 6d.; balance September, advance October, 2,3231. 4s. 2d.; payments to doctors of balance due for the supply of drugs on capitation basis, 1918, 120l. 19s. 2d.; to a doctor for supplying drugs to an emergency, 7s. 5d; payment to a chemist (issue of duplicate cheque), 15l. 6s. 4d.; payment to chemist for various accounts for 1918 and 1919, 1l. 18s. 11d.; the accounts were passed. It was reported that a grant of 501%. has been received from the Ministry of Health for Joint Pricing of Prescriptions Committee, and 1,560l. had been contributed to the fund.

Smethwick.—At the meeting of the Insurance Committee held on December 2 the Medical Benefit Sub-Committee gave the following statistical data:

	Three months	Nine months
Number of prescriptions	15.669	56.202
Cost of ingredients	209'. 16s. 8d.	721/. 13s. 6d.
Cost of dispensing-fees	2471. 8s. 5d.	89° l. 7s. 10d.
Average ir gredient price per		
prescription	3.21d.	3·08d.
Average dispensing fee per		
prescription	3·79d.	3·83d.
Average cost per insured		
person	3.89d.	13·98d.
No. of prescriptions per		
insured person	0.56	2.02

The Draft Regulations for 1920 were received. The Finance and General Purposes Sub-Committee reported the proposal of the Ministry of Health that local Panel and Pharmaceutical Committees continue in office until June 30, 1920. The grant received towards the cost of pricing prescriptions for the year 1920 amounted to 45/.

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The Sub-Committee reported also that payments from the Medical Benefit Fund to chemists (August and September) amounted to 158l. 16s. 4d. and (September and October) 1831. 9s. 5d. Among the accounts recommended for payment was 5l. 5s. for pricing scripts.

sheffield.—At a recent meeting of the Insurance Committee the clerk was instructed to communicate with the National Association of Insurance Committees to drugs a more adequate system for the inspection of drugs and medicines by Insurance Committees. Mr. C. H. Hallatt, 252 Langsett Road, was added to the list of those supplying drugs and appliances. A further advance for the Pharmaceutical Committee of 25l. was agreed to, subject to the approval of the Ministry of Health. Payment to chemists for the month amounted to 1,002l. 10s. 10d.

Surrey .- A meeting of the Insurance Committee was held on November 26, at which the reports of the various sub-committees were received. The following is abstracted from the agenda: The Pharmaceutical Service Sub-Committee dismissed a complaint by an insured person alleging that a chemist had wrongly dispensed a mixture for him. The Medical Benefit Sub-Committee announced that a firm of chemists had resigned from the panel and another had joined. It recommended that the Exchequer Grant in respect of increased practice expenses for 1919 be approved and submitted to the Ministry of Health. The grant will be distributed among doctors (a) who dispense for any or all of the persons on their lists; (b) residing or practising in rural areas. To prevent delay in filling prescriptions the Sub-Committee offered no objection to the proposal of the Pharmaceutical Committee that chemists be allowed to indicate on prescriptions par-ticulars of the quality of appliances, lengths of bandages, or other details omitted by the physician. Each chemist is to be provided with a post-card bearing the address of the Pricing Bureau. With regard to a complaint by a doctor referring to a belladonna plaster provided by a chemist, it transpired that on analysis the plaster was found to contain 0.223 per cent. of alkaloid, as against the pharmacopeial requirement of 0.25 per cent., and the Sub-Committee recommended that no action be taken. Two complaints against doctors were also reported upon. In the report of the Finance and General Purposes Sub-Committee it was stated that the Pharmaceutical Committee had been asked to bring pressure upon a chemist—to observe the terms of his agreement—who sent in his accounts for January to September in October. Advances and balances to chemists amounted to (October 31) 8451. Os. 10d. and (November 19) 9841, 10s. 6d. Deductions from chemists' accounts for the Pharmaceutical Committee for the same periods were 191, 10s. 6d, and 211. 58.

Wiltshire,-At the last meeting of the Wiltshire Insurance Committee the Medical Benefit Sub-Committee reported that a letter had been received from the Pharmaceutical Committee regarding hours of business. It was suggested that 7 P.M. be the closing hour on all days except Wednesday, the early-closing day, when 1 P.M. is to be the limit, unless prescriptions are marked "Urgent." The letter was referred to the joint consideration of the Panel Committee, the Pharmaceutical Committee, and the Medical Benefit Sub-Committee.

November Drug Tariff.

The following are the alterations for November in the Drug Tariff for England and Wales issued by the Ministry of Health:

of Health: $Lower: Aq. carui, 6 \frac{1}{2}d. lb.; calc. lact., 14s. 3d. lb.; capsulæcreosoti m.2, 3.24d. per doz.; ext. bellad. liq., 1s. <math>5 \frac{1}{2}d.$ oz.; ext. bellad. sicc.. 1s. 10d. oz.; ext. cannab. ind.. 14s. 3d. oz.; hydrarg. iod. rubr., 1s. 8d. oz.; hydrarg. oxid flav., 10s. lb.; hydrarg. percblor., 9s. 4d. lb.; hydrarg. subchlor., 9s. 6d. lb.; hydrargyrum amm.. 10s. 3d. lb.; hydrargyrum c. creta, 4s. 4d. lb.; hydrargyrum oleat., 9s. lb.; liq. belladon, meth., 10s. 6d. lb.; liq. camph. am. meth., 6s. lb.; liq. atrop. sulph., 1s. 1d. oz.; lithii cit., 1s. 3d. oz.; magnesia levis, 2s. 6d. lb.; mag. sulph.. 38s. cwt.; ol. oajuput.. 9d. oz.; ol. lini, 13s. 4d. gal.; ol. ricioi, 1s. 7d. lb.; paraff. liq., 2s. 2d. lb.; pasta zinci co., 8.P.C., 2s. 4d. lb.; pepsin., 4s. oz.; phenazon., 2s. 9d. oz.; pulv. amygd. co., 6s. 6d. lb.; pulv. sodæ tart. eff., 11.50d. per

doz.; syr. codeinæ phosph., 4s. 4d. lb.; tab. salol. gr. v., 1.71d-per doz.; tab. sulphonal B.P.C., gr. v., 13.14d. per doz.; ung. hydrarg., 6s. 2d. lb.; oiled silk, 30.00d. per yard.

Higher: Acetum ipeaac., 3s. lb.; acetum scillæ, 9½d. lb.; acid. hydrobrom. dil., 1s. 10d. lb.; acid. nitrohydrochl. dil., 8½d. lb.; acid. phosph. dil., 9½d. lb.; acid. sulphuros., 5d. lb.; acid. tannic., 14s. 3d. lb.; alum. purif., 1s. 7d. lb.; 'aq. anethi, 6½d. lb.; aq. anisi, 6½d. lb.; aq. camph. ex. conc., 8s. 6d. lb.; aq. chlorof., 5½d. lb.; aq. feniculi, 6½d. lb.; aq. menth. pip., 9½d. lb.; aq. pimentæ, 6½d. lb.; cocain. hydrochlor., 6s. 8d. dr.; conf. sennæ, 3s. lb.; oret. præp., 5½d. lb.; dec. cinchon. rub. (ex conc.), 6s. 8d. lb.; dec. hæmatox (ex conc.), 3s. 2d. lb.; dec. scoparii (ex conc.), 2s. 8d. lb.; dec. senegæ (ex conc.), 9s. 6d. lb.; emul. ole morrhuæ, B.P.C., 2s. 10d. lb.; emul. ol. morrh. c. hypoph., B.P.C., 4s. 6d. lb.; ex. coloc. co., 11s. 4d. lb.; ext. ergotæ, 12s. 9d. oz.; ext. ergot. liq., 24s. 9d. lb.; ext. hyoscyam. sicc., 2s. 4d. oz.; ex. nucis vom. sicc., 1s. 2d. oz.; ferri et pot. tart., 7s. 8d. lb.; ferri et quin. cit., 2s. oz.; glycer. pepsin., 8s. lb.; hexamina, 10d. oz.; inf. buchu (ex conc.), 8s. 6d. lb.; inf. digitalis (ex conc.), 2s. 8d. lb.; lin. methyl. sal. co., B.P.C., 12. 6d. lb.; lin. camph. 6s. 8d. lb.; lin. methyl. sal. co., B.P.C., 12. 6d. lb.; lin. ammon., 6s. 11 lb. lig. ammon., 6s. 11 lb. lig. ammon. 4s. 9d. lb.; inf. senegæ (ex conc.), 9s. lb.; inf. sennæ (ex conc.), 3s. 10d. lb.; lin. camph. 6s. 8d. lb.; lin. methyl. sal. co., B.P.C., 12. 6d. lb.; lin. pot. iod. c. sap., 4s. 9d. lb.; liq. ammon., 8½d. lb.; liq. ammon. fort., 9d. lb.; liq. ammon. acet., 11d. lb.; liq. ammon. cit., 1s. 11d. lb.; liq. arsenicalis, 9d. lb.; liq. fornaldehyd., 2s. 2d. lb;; liq. picis carbonis, 8s. 6d. lb.; liq. formaldehyd., 2s. 2d. lb;; liq. picis carbonis, 8s. 6d. lb.; liq. plumbi subacet. fort., 10½d. lb.; liq. potassæ, 8½d. lb.; lot. hydrarg. nigr., 1s. lb.; mel boracis, 1s. 11d. lb.; menthol, 4s. 3d. oz.; methyl salicylas, 5s. 3d. lb.; morph. acet., 3s. 10d. dr.; mucilag. tragac., 1s. 11d. lb.; ol. caryoph., 25s. 3d. lb.; ol. olivæ (sublime), 26s. gal.; ol. tereb. rectif., 2s. 10d. lb.; oxymel scillæ. 1s. 6d. lb.; paraff. mol. (alb.), 2s. 2d. lb.; paraff. mol. (flav.), 1s. 2d. lb.; paraff. mol. (alb.), 2s. 2d. lb.; paraff. mol. (flav.), 1s. 2d. lb.; pot. permang., 6s. lb.; quin. hydrochl., 7s. 2d. oz.; rhei rhizoma pulv. E.I., 13s. 6d. lb.; saccalb. pulv. subtil.. 8¾d. lb.; santonin, 42s. 9d. oz.; sennæ folia, 1s. 11d. lb.; sodii arsenas anhydrosus, 6s. 8d. lb.; sodii et pot. tart., 1s. 10d. lb.; spt. ætheris, 6s. 6d. lb.; stryoh. hydrochlor., 9s. 6d. oz.; syr. aurantii, 2s. 4d. lb.; syr. rhei, 2s. 6d. lb.; syr. sennæ, 2s. lb.; theobrom. et sod. salic., 2s. 4d. oz.; thymol, 3s. 6d. oz.; thr. conticon., 2s. 2d. lb.; tr. cantharidini, 8s. 9d. lb.; tr. iodi mit., 8s. 9d. lb.; tr. chlorof. et morph. co., 12s. lb.; tr. ferri perchlor., 2s. 2d. lb.; tr. chlorof. et morph. co., 12s. lb.; tr. iodi mit., 8s. 9d. lb.; tr. sunmedicated, 1 oz., 400d.; 2 oz., 7.50d.; 4 oz., 14.25d.; 8 oz., 27.00d.; 1 lb., 52.00d.; boric, 1 oz., 2.83d.; 1 lb., 33.00d. Catheters, best brown gumelastic, 7.00d. each. elastic, 7.00d. each.

Profiteering Act Don'ts.

Don't reply or discuss prices with customers. your price and leave it at that. You may put the high cost as due to shortage.

Don't reply to the clerk of the Tribunal without con-

sulting the secretary of your Association.

Don't reply by telephone to people you don't know who may inquire your prices.

Don't chop and change your prices either of prescrip-

tions or drugs.

Don't cut your prices because your neighbour does. There is only one bogey you need fear, and that is the Receiver's Hands.

Don't fail to carry on your business on the old honest lines, and you can snap your fingers at the Tribunal.

Don't forget there is an Association Price-list, which any Tribunal in London will accept as official.—"The Script.'

Commercial Travellers' Fares.—The Ministry of Transport received a deputation from the United Kingdom Commercial Travellers' Association on November 27. The Commercial Travellers' Association on November 27. case on behalf of the reinstatement of the week-end ticket and revision of luggage weights and terms was put forward by Mr. Coysh (secretary), and his statement was supported by other members of the deputation. In reply. Sir Rhys Williams said that, if it were not possible to make any concession now, he could assure the deputation that when circumstances allowed of any change the commercial traveller should have the first consideration of the Ministry. ·

Organising the Drug-trade.

Drug-Union Meetings.

At a meeting of delegates from all the London branches, held on November 23, Mr. W. Greenfield in the chair, it was unanimously decided to form a London Divisional Council

The Brighton branch held a meeting on November 28 at which Mr. C. G. Yates (Commandant of the Brighton and Hove St. John Ambulance and V.A.D.) gave an instructive and enjoyable address on "Ambulance Work."

The Edinburgh branch of the Amalgamated Society

The Edinburgh branch of the Amalgamated Society of Pharmacists, Drug and Chemical Workers met on November 30 in the Pharmaceutical Society's rooms to welcome Mr. James Irvine, Glasgow, the newly appointed organising secretary for Scotland. The branch President reported on the meeting with the masters' delegates in Glasgow, when the suggested flat rate of wages and hours demanded by the Union was discussed. Mr. Irvine pointed out that the average labourer getting 1s. 2½d, per hour for a forty-eight-hour week was in receipt of a better remuneration for his labour than the assistant and student of pharmacy with years of experience.

At a meeting of London Retail and Public Service branches of the Amalgamated Society of Pharmacists, Drug and Chemical Workers, the secretary of the District Propaganda Committee reported on the constitution of the London Divisional Council which has just heen set up, and announced that the appointment of organiser for the London Retail and Public Services would be made in the New Year, The following "Recognition" programme was then adopted:

(1) That the London Divisional Council be requested to approach the London, Surrey, Essex, and West Ham County Pharmaceutical Committees with a view to seeking a basis of agreement upon the following demands: (a) The recognition of the Union and representation thereby of all pharmaeists, "recognised" dispensers, drug and chemical workers upon Insurance Committees and proposed Pricing Committees. (b) The establishment of Joint Pricing Committees consisting of representatives of the contractors and the employes. (c) The subtraction of establishment charges from the dispensing. (Fees to be in a separate category.) (2) That the London Divisional Council request the National Executive: (a) To approach the Ministry of Health for recognition of the Union and the fixing of a basis of agreement upon questions of payment of dispensers, drug and chemical workers; their representation upon Insurance Committees; all Pricing Committees and other representative bodies affecting the welfare of the workers in the drug and chemical industry. (b) To approach the "National Association of Chemists' Assistants" and other Associations concerned with a view to collective co-operation for recognition.

It was announced that at the next meeting the nomination of national officers will be made. Mr. Fred Hawkins (organising secretary) then addressed the meeting. Members present pledged themselves to support Cheltenham employés, and a "Cheltenham Relief Fund" was started to support "Ucal" workers in the event of their withlrawing their labour (see p. 57).

Shop Assistants' Union.

A MEETING of the Chemists' Section of the National Jnion of Shop Assistants, Warehousemen, and Clerks vas held at Plymouth on November 19. Mr. W. Knight n the chair, at which it was stated that chemists' ssistants are now enrolling, and an appeal to warehousemen in the drug trade is being sent round, asking hem to join.

Home-made Waxed Paper.—Referring to the shortage f waxed paper, recently the subject of a complaint C. & D., November 1, p. 52), a pharmacist writes: 'When I was in husiness we always made our own—a ery simple affair—in front of the kitchen fire. The paper has warmed, held vertically in front of the fire, and then ubbed over with a piece of the ordinary cake wax.''

Births.

HARPER. At Cairneybank, Methil, on November 29 the wife of L. H. Harper, M.P.S., of a daughter.

SUTHERLAND.—At 38 Lauriston Place, Edunbargh, on November 21, the wife of James R. Sutherland, chemist and druggist, of a daughter

Marriage.

Silver Wedding.

HART—KING.—At St. John's Church, Manidee, Newport, Mon., on December 5, 1894, by the Rev. J. Swinnerton, assisted by the Rev. H. Titmuss, John Henry Hart. Ph.C.. Ross, Herefordshire, to Florence Annie King. Newport. Present address: Man of Ross House, Ross

Deaths.

Dalgleish.—At his residence, 91 Walworth Road. London, S.E. 17, on November 27, suddenly, Mr. Henry John Dalgleish, aged fifty-seven. Mr. Dalgleish was a native of Exeter. For over a quarter of a century, with the exception of a break of a few years, he, was one of the representatives of Ford. Shapland & Co., Ltd., chemists' printers, 6 Great Turnstile, London, W.C.; in the earlier years he was well-known in country districts, and in the last four years he travelied the London district. He was a Freeman of the City of London, a Liveryman of the Stationers' Company, and a prominent Freemason. For some years he was a member of the Southwark Education Committee. Last January Mr. Dalgleish lost his wife, and since then he had been in very indifferent health. The end, though not unexpected, came suddenly from heart-failure. Mr. Dalgleish is survived by two daughters. The interment took place on December 2 at Honiton.

Drinkwater.—At Beswick, Manchester, recently, the wife of Mr. James W. Drinkwater, chemist and druggist, 49 Ashton New Road.

Morgan.—At Borth, Rhondda, on November 27, Mr. John Herbert Morgan, chemist and drnggist, Ystrad Mynach. Mr. Morgan, who qualified in 1912, was a popular and successful pharmacist. He was one of two hrothers—the other being Mr. R. J. Morgan, Caledonian Road, London, N.—who followed in the steps of their father, the late Mr. David Morgan, Ph.C., the proprietor of the London business established in 1864 and now known as "Morgan Brothers." Death was due to the accidental discharge of his gun while he was out shooting. Many kind messages have been received by Mrs. David Morgan and other members of the family, with whom widespread sympathy is felt.

Morrox.—At 55 Brandon Street, Motherwell, on November 24, Littias Paterson, widow of the late Mr. Thomas Morton, chemist and druggist, aged eighty-seven.

NETHERCOTT.—At Weston-super-Mare, on November 11. Mr. Walter John Nethercott, chemist and druggist, aged sixty.

RIEMSDIJK.—The death is reported at Bandoeng, Java. of M. J. A. van Riemsdijk, the manager of the Tjikapoendoeng Plantation Company, and a well-known member of the ciuchona community in the Dntch East Indies.

Rigg.—Recently, Mr. George Farrer Rigg, chemist and druggist, Hagley Street, Halesowen. Mr. Rigg, who qualified in 1880, was for some years in business in Finkle Street, Kendal. He was a well-known Freemason.

TEMPLE OF ÆSCULAPIUS.—A correspondent of "The Times" announces the discovery of two more huildings adjoining the Temple of Æsculapius, forty miles from Athens. The Temple dates from the year 460 B.C. Many votive offerings (testifying to cures) have been found in the neighbourhood, and among the new treasures unearthed is a statue of Hermes.

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Business Changes.

Mr. George Daykin, chemist and druggist, Carr Vale, has taken a business at Worksop.

Mr. H. J. Sadler, chemist and druggist, has acquired the business of Mr. Edward Brooke, chemist and druggist,

Mr. Harold Taylor pharmacist, has taken over the business of Mr. J. T. Morgan, chemist and druggist,

Chester Street, Saltney.

THE warehouse and laboratory of Hertz & Co. have been removed to 20 Bevis Marks; the offices will still be at 9 Mincing Lane, London, E.C. 3.

MR. ARTHUR E. BECKETT, chemist and druggist, late of High Street, Long Eaton, has purchased the business of Mr. W. A. Senior, 4 Castle Road, Scarborough.
S. W. WILKINSON & Co., pharmaceutical machinery

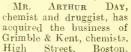
engineers, Little Holme Street, Leicester, are moving shortly to new premises at Western Road, but until further notice their address will be Little Holme Street.

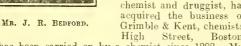
MR. J. W. Pearson, chemist and druggist, has taken over the business of S. Hall & Son, chemists, Little-borough. Mr. Pearson, who had been with Messrs. Hall for over twenty years, will continue the business under the old name.

Mr. J. J. B. Waldron has commenced business at 12 Paseo de Miraconcha, San Sebastian, Spain, as an agent for British manufacturers of chemicals, drugs, and allied Mr. Waldron already represents seven improducts. portant British houses.

Mr. J. R. Bedford has commenced business on his own account at 17 Philpot Lane, Eastcheap, London, E.C. 3, as selling agent

for manufacturers of chemicals, drugs, etc. Mr.Bedford was until resales manager cently (home and export) for Boots Pure Drug Co., Ltd., Nottingham, and has had unusual experience in large-scale transactions. He has plenty of energy, and is on the sunny side of forty.





High Street, Boston, which has been carried on by a chemist since 1808. Mr. Day commenced his business experience in Boston, and qualified in 1896.

Trade Notes.

REVELRIE PERFUME .- A facsimile of the showcard sent out by the Empire Perfumery Co., Oldbury, is given in the company's advertisement in this number.

VENO'S LIGHTNING COUGH CURE.—The Veno Drug Co., Ltd., manufacturing chemists, Chester Road, Manchester, announce that they have resumed the special window-show terms for Veno's Lightning Cough Cure and Dr. Cassell's

"ANKH" QUININE.—The Standard Tablet Co., Ltd., Hove, quote prices for quinine sulphate in their advertisement in this issue. The removal of restrictions on the sale of quinine sulphate has made supplies more freely available, and the Standard Tablet Co. have adopted the plan of supplying three standard-size packages at advantageous prices on cash-with-order terms.

RUBBER BANDS, rings, or tubing may be rejuvenated by immersing them for a time in a solution of ammonia about

Personalities.

MR. A. H. HALE, chemist and druggist, York Street, Broadstairs, has been appointed almoner of the Bradstow Lodge of Freemasons.

MR. L. B. ROWLAND, chemist and druggist, High Street, Wrexham, has been appointed vice-chairman of the Health Committee of the Wrexham town council.

MR. W. P. NOVELLI JAMES (W. J. Bush & Co., Ltd., Ash Grove, London, E.8) was chairman at the annual dinner, on November 26, of the Boileau Bowling Club, Barnes, S.W., of which he is President.

At the installation ceremony of the St. John's Lodge, Province of West Yorkshire, No. 827, on December 1, Wor. Bro. S. Norman Pickard, pharmacist, Ossett, the retiring Worshipful Master, acted as Installing Master, and was appointed I.P.M. of his lodge.

MISS ISABEL GRAY, daughter of Mr. John Gray, chemist and druggist (Davidson & Gray, chemists, Nethergate, Dundee), gave a concert in London on December 1, at which she undertook the difficult task of playing the solo part in three pianoforte concertos. Miss Gray's performance has been highly praised in the Press.

Mr. J. A. Alban Atkin, chemist and druggist, 243 West End Lane, London, N.W. 6, has been elected, without a contest, to represent the Adelaide ward on the Hampstead borough council. Mr. Atkin purchased his business seventeen years ago, and has had considerable public experience in Hampstead. During the war he rendered valuable service in the Pharmacists' Training Corps and as a special constable.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first hand suppliers of the undermentioned articles will be appreciated.

111/11. Asthmatic pastilles (Stowell & Co.).
107/66. Cludd's cucumber cream.
107/66. Evan's azymon capsules, 113/18. "Mortant."

107/66. Sules, 113/18. "Mortant."

107/67. Brown's ozonated snuff. 109/29. "Royal Slyde Stroke" razor stroppers. 109/41. "Sanaro" pain balm. 106/20. "Monico" toilet-paper. 105/58. Moore's rose bevardine. 110/55. Emulcithin. sules.
113/18. "Mortant."

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INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, TEN CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C. 4:

Bandage-winding 98/57 " Baume du Commandeur," 99/19 99/19
Baumol soap, 88/6
Benzyl benzoate, 92/56
"Betterway" interchangeable signs, 99/41
Bromural tablets, 102/58
"Burlington" manieure sticks, 105/9 Calcii saccharas, 90/23 Carpenter's liquid court plaster, 108/38 Chamberlain's cough remedy, 112/70 Clark's, 99/67 "Influenzol," Dr., "Cyphoids." 98/19
"Gre-Solvent," 93/41 Grinding-machines, 109/37 Hagan's magnolia balm, 102/58 Harrison's pomade, 93/41 Hughes' baby balances, 99/30 Hyde's cuticle glove, 103/7 and

111/41 "Imperia" tooth-paste, 91/65 Insect-powder in bulk, 106/19 James' depilatory, 92/61 Johnson's "Palmolive" soap, 112/55 Mulford's antiseptio dusting-powder, 202/25 Nepenthe, 92/59 Neville's eau de Cologne face-cream, 98/19 "Novio" toilet-paper, 110/18

machinery, Parmint. 93/41 and 112/70 "Pepsodent" tooth- paste, 100/43 100/45
"Plantol" soap, 104/62
Platt's chlorides, 107/67
"Portia" rouge leaflets, 113/5
"Powers, food powder, 104/53 "Renardine," 103/41
"Rexall" remedies, 113/5
Smith's Cambrian esse essence. 107/66 Tins, airtight, 104/7 Tins, airtight, 104/7
Tommy's cooker, 97/8
Turpentine, 95/69 and 96/64
(Dutch inquiry)
"Twenty Mules" brand borax, 102/20 102/20
Ultramarine blue, 94/51
"Utosan." 91/22
Valentine's walnut stain, 93/41
"Valex," 108/49
Venetian reds, 116/74
"Vi-casein." 111/16
"Vita Leo" embrocation, 103/58 " Vita 103/58

" Wessler " 105/29 "Willard Bell" truss, 79/3 soothing Winslow's Woods' peppermint cure. 112/70
Woods' peppermint cure. 58/25
Wooddridge's gout tincture,

tooth · brushes,

64/42 " Zotos." 83/41 " Zymole Trokeys," 102/58

one-third of the strength of liquor ammoniæ, P.B.

Observations and Reflections.

By Xrayser IL.

An Analysis

of your "profiteering" reports for last week shows the following facts: Of thirty cases against chemists nineteen were dismissed, in several of which regret was expressed by the Tribunal that the chemist had been put to the trouble of appearing; in six cases refunds were ordered, amounting in the aggregate to fourteen pence, the largest single item forming this sum being sixpence, overcharged admittedly by a bona-fide mistake of the seller; in three cases prosecutions were ordered or recommended; two cases were undecided. In this analysis no account is taken of another case, not, apparently, coming within the same week. It should be added that two cases were dismissed on technical grounds, and that in one of them the chemist voluntarily made a refund on the ground that he had made an overcharge through misreading the prescription before handing it to his assistant to be dispensed. The net result of these thirty cases, so far, is the correction of two admitted mistakes and the recovery by judicial order of fourteen pence distributed among six persons. Parturiunt montes, nascutur ridiculus muss!

The Westminster Tribunal,

however, has a definite object in view over and above that, of merely preventing occasional overcharges and correcting mistakes; it proposes to "prevent people who buy low from taking advantage of a rising price," thus striking at the root of all real business. We must discard all our old notions of the mental equipment requisite to successful business, sagacity, foresight, a knowledge of markets, judgment in buying and selling, and the rest. What, I wonder, would be thought on the Stock Exchange, or in Mincing Lane, or in any Chamber of Commerce, of such an aim as this Tribunal avows? But, of course, it is only retailers that are aimed at, the "tradesman, meek and much a liar," of the poet, the butt of everybody who lives in a villa or owns a motor-car, the modern equivalent for Carlyle's "gig." The Westminster Tribunal is, no doubt, composed mainly of such superior persons as these.

The Allen and Hanburys Case,

though it resulted in a victory for the company, may prove a disaster for the pharmacist. The strength of our position-as dispensers especiallylies in our right to be regarded as something more than tradesmen, as, in fact, a lower branch of the medical profession. In this case, and, I must add, in many others, the defence was conducted on purely commercial lines; the decision of the High Court may have made this necessary to a successful legal defence, but to accept it as a definition of our function as pharmacists is to abandon everything for which we have contended since the passing of the first Pharmacy Act. Here we have one of the most eminent companies engaged in pharmacy meticulously estimating every item of cost to the fraction of a penny and accepting, on a purely commercial basis, a "profit" of $3\frac{1}{2}d$. Is this to be a leading case? In that case we not only lose any claim to consideration we may have had as at least a semiprofessional class, but dispensing is shown to be not worth while even as a business proposition. There are many chemists who prefer to regard it from the latter point of view only; I am not one of them, but if the conclusion to which a consideration of this case has led me is a sound one, then, I sav, let us at once scrap the dispensing department.

Your Leader of Last Week

on Government Regulation of Trade not only brings out many disputable points in the Imports and Exports Regulations Bill, but will be welcome on general grounds to those who, like myself, object to any but obviously necessary interferences of Government in the regulation of private businesses, and especially

to restrictions upon the freedom of trade. Whatever other result the proposed measure may have, it will certainly tend to the creation of monopolies and an artificial inflation of prices. Such measures are only justifiable on strictly national grounds. Has any case of national necessity been made out for this Bill? That is a question for politicians, but I fancy nobody will be so hardy as to assert that all the advocates of the Bill are swayed only by national considerations. I said some weeks since that the phrase "synthetic drugs" does not occur in the Oxford Dictionary, but the definition given in that work of the term "synthesis" as used in chemistry fully bears out what you say on the subject in your criticism of the Bill, and the illustrative quotations refer to such substances as acetic acid and alcohol, thus giving the term an even wider connotation than you do.

The Objections to the Rota

made by your correspondent refers to repeats he answers himself; repeats are not urgent, and would therefore not be dispensed after hours. This is a sufficient answer to another objection; nothing could be easier than to make it a rule that no prescription not marked "Urgent" should be received after hours; and to say that such a rule could not be kept is absurd: to say that it would not is to cast a most injurious reflection on the craft. I see that Mr. Currie, too, objects to the rota, as unbusinesslike and unworkable. This is a cryptic utterance quite beyond my penetration; were Mr. Currie a less august person I might ask what it means, but one must not question the oracle.

Several New Additions

to our materia medica have lately been brought to my notice in the daily papers. They are at any rate new to me, and if it is true, as stated (in advertisements), that they are to be had of all chemists, I am afraid I am sadly behind the times. This is made to appear the more likely when the further statement is added (again in advertisements) that they are being prescribed by "well-known" physicians, usually in America, in preparations in which they are the chief ingredient, the others indeed being more of the nature of vehicles. The prescriptions, as will have been gathered, are generously added. It is rather humiliating to an old stager like me to have to tell a customer that I have never heard of these important discoveries, and I am afraid that occasionally I lose my temper and am betrayed into expressions that are not polite and may possibly be libellous The case is simplified for me when, as sometimes happens. my customer tells me it is not a drug that is wanted:
We are warned against drugs," she says (it is usually a she); "this is a perfectly harmless thing, of quite a different kind." It is true the name denotes a drug, but I do not insist upon that. "Excuse me, madam," I say. "but I am a druggist; if it is something else you want you had better try my neighbour, Mr. General Dealer.

Since Hanburys' Note on Manna

(quoted in your last week s
"Retrospect") was written new theories of the possible
origin of the manna of the Israelites have been put
forward, to one of which I referred in these columns
on November 3, 1910. It looks quite feasible, and is
confirmed by a passage in Kerner's "Botany," to which
Mr. Spencer Turner, commenting on my note, called
attention a few weeks later. Briefly, it is that this
substance is a natural product found in certain districts
in Africa, and possibly elsewhere, white in colour,
resembling coriander-seed, and sweet to the taste, which
is by some means deposited upon the ground, but melts
in the sun, and becomes wormy if kept over-night. It
is baked and eaten, and is called locally "the food of
God." Mr. Swann, from whose book, "Fighting the
Slave-hunters in Central Africa," my note was taken,
suggests that it may be a mushroom spawn, but if it 1s
the same substance that Kerner describes it is the lichen
Lecanora esculenta, which in dry weather is blown about
by the wind and falls in showers like rain.

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Editorial Articles.

Government Control of Trade.

It will have been noticed from our Trade Report during the past few weeks that the prices of quite a number of so-called fine chemicals have shown a decidedly advancing tendency, and, judging from the present outlook, there appears to be little prospect of any material reduction during, say, the first quarter of the New Year. We should not be surprised to see a further gradual upward market, especially in those chemicals the importation of which is restricted by licence. We understand that the granting of licences has become more sparing than ever, in view of the new Import and Export Regulation Bill, and a "ca" cauny" policy has been adopted by the authorities. Already several of the leading chemical importers and exporters have taken alarm at the prospect of their export trade being jeopardised under the Bill, and two instances have come under our notice of the intention to establish branch houses in Holland and in France, so that export trade to the Colonies and foreign countries would be free from official interference in case of imports into the United Kingdom for the purpose of re-export only. If a move-ment of this character attained considerable dimensions and there is no reason why it should not-the possibilities of our Colonies receiving direct supplies from Continental ports, particularly Rotterdam, at lower prices than those at which British makers could compete should give pause to our legislators. A serious organised attempt to capture Colonial trade might easily be made, and we do not sup-pose the Australasian Commonwealth, for instance, would be averse to receiving "dumped" supplies of medicinal chemicals (which she does not manufacture), say, from France, Holland, or Switzerland. In the Bill now before the House of Commons we note that it may be applied to 'all countries, including British Colonies, outside the United Kingdom, at the discretion of the Board of Trade and the Committee." If this is so, the Board of Trade may therefore be able to interfere in the self-government of our Colonies. But later we read that "the antiof our Colonies. But later we read that "the anti-dumping clauses are not to apply to goods imported for exportation after transit through the United Kingdom or by way of transhipment," so that dumped chemicals can be imported in bond from the Continent and re-exported to the Colonies, provided they have no anti-dumping laws of their own. This, of course, is taking a long view, as Germany in carrying out the provisions of the Peace Treaty will have practically nothing to dump. At the present stage, as regards chemicals the prices asked in Germany closely approximate to the British values. In an interesting article by Mr. Chas. A. Hill, B.Sc., F.I.C.,

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on fine chemicals, which appeared in the "British Trade Journal," the result of five years' achievement of the British chemical manufacturers is described, and the statement is made that

the manufactures achieved and the developments made under war conditions will not survive peace-time conditions, and that unless great efforts are made now and during the next few years to develop and stabilise our fine-chemical industry, for which purpose much energy on the part of our manufacturers and some Government assistance are essential, we shall inevitably drift back to our 1914 condition of dependence on other countries. It will be seen, therefore, that the fine-chemical industry is in a very special position, and accordingly deserving of special treatment.

In other words, British fine-chemical manufacturers are on their trial, and Mr. Hill's remarks about "drifting back to our 1914 condition" need seriously taking to heart. If after a lengthy trial with Government assistance an intolerable position should arise owing to the incapacity of British makers to cope with the situation, then public opinion may raise its voice and sweep away "protection." Mr. Hill's paper was written before our remarks last week upon the vague definitions in the schedule of fine chemicals in the Import and Export Regulation Bill, and it is interesting to note that he states that "the list of products selected for specific mention in the amouncement has been chosen upon no easily recognisable plan or system." There is in existence a Trade Chemical Advisory Committee, but the Committee appears, writes Mr. Hill, to have been adjourned sine die.

Insurance Dispensing Negotiations.

THE negotiations for an increase in Insurance dispensing remuneration which the Local Associations Executive is making on behalf of panel chemists are dragging on with very little hope of a successful result. This is, so tar as outsiders can tell, as the negotiations are being conducted in secret, and secrecy covers a multitude of ineptitudes. The way similar transactions are being carried through on behalf of the medical men is an object-lesson which the Local Associations Executive might well copy. The memorandum sent by the Insurance Acts Committee of the British Medical Association to the Ministry of Health, together with the Ministry's reply and the Insurance Acts Committee's rejoinder, have all been published in the "British Medical Journal," and a perusal of the documents convinces the reader that able men are engaged in the negotiations on behalf of medical men. As the doings of the Local Associations Executive in this matter are shrouded in mystery, it is impossible to judge whether equally clever negotiations are being employed on behalf of panel chemists. The Medico-Political Union, moreover, has issued a separate report on the draft regulations. This body is the strong critic of the British Medical Association, and has some caustic remarks to make regarding the new regulations. would be interesting to give some extracts from the Medico-Political Union's pamphlet, but we must content ourselves with the remark that the Union objects very much to the proposed abolition of "Rep. mist." The report states: "The protection of the chemist in the matter of records is extremely suggestive; though it is a matter of law that he should enter all these prescriptions in his books, he is not to be compelled to carry out that law and he must have no trouble that can by any possibility be placed on the doctor instead of on the dispenser." It is argued that to discontinue the practice of "Rep. mist." entails additional work to the medical practitioner, and tends to prevent continuity of treatment. We mention these points to show that a section of the doctors do not relish having to write fresh prescriptions every time they attend an Insurance patient, and to emphasise the fact that "Rep. mist" is not yet abolished. The doctors may yet prevail upon the Ministry of Health to let the present practice continue. There are, however, other points in the Medico-Political Union's appeal with which chemists will agree, such as the protest against the power to be given to the Ministry of Health to ter-

minate a contract at twenty-four hours' notice without right of appeal. Mr. Hingo Wolff, in the November issue of "Square' Topics," states that the panel chemists' chance of obtaining the increase of 50 per cent, in the remuneration for insurance dispensing is far from promising. He also states that nothing has been done in the direction of extending the list of appliances which may be ordered at the expense of the Insurance Committees, although—if our information is correct—we think that the question of additions of such appliances as gamgee tissue and jaconet is at present being considered. The draft regulations may be altered in this respect before being finally adopted. Mr. Wolff's comment on the terms of service is as follows:

It is much to be regretted that a better case was not put up on our behalf by the old Local Associations Executive, and it is to be feared to some extent they queered the pitch for their successors, who are now more or less vainly struggling to remedy matters. It is doubtful if, in the past, enough emphasis was laid on the fact that our remuneration for the N.H.J. service is worse than before the war. When it is realised that our average pay for this work is only 3s. 9d. per hour, and that out of this all over head expenses have to be met before we can arrive at the profits, our claim to increased remuneration cannot be put too forcibly. Moreover, if it had been understood last May that we were to be asked to extend our hours of service we should have felt disposed to demand an increase of considerably more than 50 per cent. In the present dispensing-fees.

The idea of a strike of English panel chemists seems to have been abandoned, but not so in Scotland. position in regard to Insurance dispensing in Scotland seems to become more serious as the period for the termination of the present agreements approaches. It will be remembered that panel chemists continued, during the war, to provide a service at rates of payment which were even considered inadequate at a time before the advances, since made to organised labour, made these terms appear much more so. Now it is stated that the Scottish Board of Health has rewarded the chemists with a refusal to go beyond their claim, made in 1913, which worked out at an average of 4d. per prescription, or 2s. per hour. In view of altered circumstances, the present demand of double the 1913 rate seems reasonable. Not only has this proposal been rejected, but a later one, made as a compromise, in which panel chemists offered their services at 3s. per hour, with an average dispensing-fee of 6d., has also been refused. Consequently, the heather is on fire from Aberdeen to Ayr, and notices terminating the agreements of chemists are fast falling in upon Insurance Committees throughout Scotland. It will be a difficult matter, in view of the unanimity which Scottish chemists appear to be showing, for Insurance Committees to formulate a workable scheme in the event of a deadlock. and two committees, at any rate, have wisely referred the proposition to the Board of Health. Meantime chemists on both sides of the Border will await developments with interest.

Wills.

MR. OLIVER BURDEN, chemist and druggist, Helly Croft, Ratcliffe Road, Leicester, who died on March 4. left estate of the gross value of 26,020*l*. 5s. 4d., with net personalty 6,136*l*. 7s. 10d.

Mr. James Bates, retired chemist, Arran Lodge. 8 Hamilton Terrace, Learnington Spa, Warwick, formerly in business at Wellington, Salop, who died on September 13, left estate of the gross value of 5.764l. 16s. 7d., with net personalty 4,596l. 9s. 10d

MR. BENJAMIN HEPWORTH, J.P., Alpine House, George Street, Kidderminster, and of B. Hepworth & Co., Ltd., manufacturing chemists and dye manufacturers, Liversedge and Kidderminster, who died on April 27 last, aged seventy-four years, left estate of the gross value of 17.8391, 168, 8d., with net personalty 13,6691, 8s, 6d.

Pharmaceutical Society of Great Britain.

Council-meeting.

A MEETING of the Council was held on the evening of December 2 at 16 Bloomsbury Square, London, W.C. The proceedings were conducted in private. The following is the official report supplied to us of the business

A letter, dated December 1, was read from Thompsons, Quarrell & Jones, the Society's solicitors, enclosing copy of a letter received from Miller, Thomson & Co., the solicitors to the Scottish Pharmaceutical Federation, intimating the resolution of the Federation to withdraw from the agreement of July 4.

The discussion on the subject-matter was reported (C, & D), November 8). After a long discussion, the Secretary was instructed to write to the Secretary of the Federation stating that the Council was extremely surprised at the action which the Federation have taken in departing from the agreement arrived at, and to say that the Council is satisfied that every effort was taken by the Society's solicitors to obtain the earliest possible decision of the Courts. That the Federation be informed that, whilst the Council have no alternative but to accept their decision, the functions and powers which the Society can legally perform and exercise having been called in question, the Council has determined to obtain an authoritative decision, and will take such steps as they are legally advised to secure this decision at the earliest possible moment. The following resolutions were adopted:

(1) That the Society's solicitors be asked to report to the Council in view of the decision of the Scottish Pharmaceutical Federation to disown the agreement of July 4, 1919, what steps the Council should take to get the earliest possible decision of the Courts upon the points raised relating to the functions and powers of the Society, and that they be authorised to obtain counsel's opinion on any points they may deep necessary to enable them so to report.

may deem necessary to enable them so to report.

(2) That it be referred to a Committee, consisting of the President, Vice-President, and Messrs. Deakin, Guthrie, Sargeant, Skinner, and White, to report to the Council what changes, if any, are necessary or advisable in the scope and character of the Society's organisation in Scotland in view of the decision of the Scottish Federation denouncing the agreement of July 4, 1919, and that such Committee be empowered to visit Sectland and to discuss the matter with the members of the Executive and any others the Committee may desire to consult.

Subsequently to the above proceedings a letter, of which the following is a copy, has been received from the Secretary of the Scottish Pharmaceutical Federation

I am instructed to inform you that at a meeting of the Federation, held here on November 26, 1919, it was unanimously resolved to withdraw from the arrangement entered into by the Society on July 4, 1919.

I need not enter into all the reasons that have weighed with the Federation in reaching this conclusion, except to say that, apart from the consideration set forth in the letter of the solicitors of the Federation to Messrs. Thompsons, Quarrell, and Jones, it seems to be quite impracticable to get any progress made along the lines of the arrangement that was entered into, and the Federation is meantime being seriously prejudiced in its activities.

An adjourned meeting of the Council was held in public

An adjourned meeting of the Council was held in public on December 3. All the members were present, with the exception of Messrs. Gifford and Guthrie. The chair was occupied by Mr. W. L. Currie, the President.

The minutes of the previous meeting held on November 5 were not read, these having evidently been confirmed at the meeting of the Council held the previous evening, to which representatives of the Pross were not admitted.

THE LATE MR. W. H. GIBSON.

The PRESIDENT said that before proceeding to the business of the day it was his duty to refer to the unexpected and sudden death of their old friend and colleague, Mr. W. Humphrey Gibson. As a member of the Council, Mr. Gibson had seldom been in evidence as a speaker at

the meetings, but his counsel and advice were of great value, and were very much sought after. As Treasurer of the Society for eight years, he discharged the duties to the satisfaction of everyone round the table, and cerand expert at finance, and was one of the best men they could have had to occupy the position. In private life he was a very delightful man to meet, and was always genial in everything that he did. He could not allow the opportunity to pass without making just a little personal reference to Mr. Gibson. It would be within the memory of most of them that at one time, about ten years ago, he (the President) was in rather a critical condition, and had occasion to go down to Brighton in order to recruit. He was there a good many weeks and came into personal contact with Mr. Gibson. He could never forget the many services and kindnesses he had received from him. The President concluded by proposing the following resolution:

That the Council do place ou record its high appreciation of the services rendered to the Pharmaceutical Society and the pharmaceutical calling by the late Mr. W. Humphrey Gibson, one of the Society's auditors, who for fourteen years was a valued member of the Council, and was, from 1910 to the date of his retirement, treasurer of the Society. The Council tenders sincero and respectful condolence to his family.

The Vice-President, in seconding the resolution, said that Mr. Gibson was an old friend of his whose genial society and conversation he valued at all times.

The resolution was carried unanimously, the members

standing.

THE HARRISON MEMORIAL.

The President expressed the hope that the efforts which were being made for the institution of the Harrison memorial (C. & D., November 8, p. 67) would have a very successful conclusion. It was proposed that a joint committee be formed of members representing the Council and members of the British Pharmaceutical Conference. In order that some tangible and permanent recognition of the services rendered by the late Colonel Harrison to pharmacy and the nation should be made, it was proposed that he (the President) representing Scotland, the Vice-President (Mr. Rowsell) representing the West of England and Wales, the treasurer (Mr. Bilson) representing the South, the secretary (Sir William Glyn-Jones) representing the Metropolitan area, Mr. H. O. Lloyd representing Birmingham and the Midlands, and Mr. T. H. Flemming representing Newcastle and the North of England, should be the Committee representing the Council to take the matter in hand, and that they should act conjointly with a Committee representing the British Pharmaceutical Conference, consisting of the sident (Mr. C. A. Hill), the treasurer (Mr. D. Lloyd Howard), the two secretaries (Messrs. R. Bennett and C. H. Hampshire), Mr. William Kirkby, and Mr. E. Saville Peck. It was not decided what form the memorial should take, but it had been suggested that not only might a medallion be placed in the premises of the Society, but that, if sufficient funds were forthcoming. a Harrison scholarship might be founded in connection with the Society's school. If the latter object could be attained it would form a useful and lasting testimony to the services which the late Colonel Harrison had

The appointment of the Joint Committee named by the President was unanimously agreed to.

ELECTIONS AND RESTORATIONS.

One person was restored to the Register, and five persons were restored to the Society. The report of the Registrar showed that 492 apprentices or students had been registered since the previous meeting.

SUPERINTENDENTS OF EXAMINATIONS.

On the proposal of the PRESIDENT it was resolved that the following be appointed Superintendents and Deputy Superintendents of Written Examinations for the ensuing year:

London: Superintendent, Edinund White; Deputy-Superintendent, Harry Moon.

Edinburgh: Superintendent, James Nesbit; Deputy

Superintendent, Donald McEwan.

Manchester: Superintendent, C. A. Swinn; DeputySuperintendent, R. F. Swinn.

NEW AUDITOR.

The PRESIDENT stated that the appointment to the auditorship rendered vacant by the death of Mr. W. H. Gibson was discussed at the meeting of the Council held the previous evening, when Mr. John F. Harrington was mentioned as one who would be well qualified for the appointment. Since the meeting they had received the information that Mr. Harrington would be willing to act. (Applause.) He therefore had pleasure in moving that Mr. John F. Harrington be appointed.

The VICE-PRESIDENT, in seconding, said it was pleasant to reflect that they would once more have Mr. Harrington

associated with the Council.

The proposition was unanimously agreed to.

FINANCE COMMITTEE.

The financial statement is summarised as follows: Receipts since the last meeting, including a balance of 1,471. 14s. 9d., amounted to 3,216. 14s. 10d., made up as follows: Penalties and costs, 84l. 2s. 6d.; "Journal" and publications, 57l. 7s. 1d.; registration-fees, 1,085l. 14s.; restoration-fees, 4l. 4s.; subscriptions, 1491. 128. 6d.; examination-fees, 231. 2s.; school-fees, 1494. 12s. 6d.; examination-fees, 23l. 2s.; school-fees, 6l.; grant to school, 334l. 18s. Payments ordered at the meeting amounted to 2,638l. 13s. 1d., leaving a balance of 578l. 1s. 9d. The other balances were: Benevolent Fund (current account) (adverse), 37l. 7s. 3d.; Benevolent Fund (donation account), 361l. 8s. 3d.; War Auxiliary Benevolent Fund, 1,960l. 10s. 8d.; Orphan Fund, 185l. 5s. 3d. The report recommended payments amounting to 3,650l. 18s. 6d. It also made recommendations for increases in wares and salaries to thirty-two members of increases in wages and salaries to thirty-two members of the staff. The increases subsequently adopted by the Council included the following, to take effect as from January 1, 1919: Secretary, to 9007.; assistant secretaries, each to 650%; deputy-registrar, to 500%; chief cashier, to 400%; resident secretary in Scotland, to 450%; assistant resident secretary in Scotland, to 250%.

The report was unanimously adopted.

The SECRETARY said that on behalf of himself and the staff he had to thank the Council for the increases, and to express their very high appreciation of their generous

LIBRARY COMMITTEE.

The report of the Library Committee stated that its members had considered the question of the time of the suggested conference of pharmaceutical teachers, and had fixed January 5 as the date of the conference, to be held at the Society's premises. They considered a remit from the Council in regard to the subject-matter of the deputation to the Council from the London group of the National Association of Women Pharmacists and of the Public Pharmacists' Association. In connection with the subject, the Committee also considered letters from the Amalgamated Society of Pharmacists, Drug and Chemical Workers, Mr. F. A. Hocking, and from the Privy Council, forwarding communications received by them, and recommended:

That no modification in the Regulations, so far as the period of service in an open shop is concerned, should be made; and that it should be pointed out that the number of hours mentioned in the Regulations is a minimum re quirement for the purpose of proper training for the qualification to keep open shop for the dispensing of poisons and to conduct the business of a chemist and druggist.

Mr. E. WHITE reminded the Council that at a former meeting it was decided that the time had arrived when the concession as to the registration of students without evidence of having passed the necessary Preliminary examinations, granted to ex-Service men, should be terminated. They came to the decision that registration of students under that concession should cease on December 31, exception being made in the case of men actually in the Services and not demobilised on that date. He desired to point out that those intending to make applica-

tion for registration under the concession would greatly assist the staff and those responsible for dealing with their cases if they did so as early as possible. It was proposed that a special meeting of the Council should be held on the last day of the year to give effect to the recommendations of the Committee, which would sit in the interval, so that every application considered and passed would be registered this year. The time at the disposal of the Committee was very short, the amount of labour involved in going into the details of all the applications was very considerable, and some of the members would have to sit many hours in dealing with them. Their main desire was to give applicants the benefits offered to them. Having expressed the opinion that some public statement should be made with regard to the principles which had guided the members who sat on the Committee dealing with the applications for registration, Mr. White said they had to recognise very broadly that military or naval service did entitle candidates to special consideration. On the other hand, they had to recognise that it was no kindness to a student to register him if the evidence before them led them to believe that he had not been sufficiently prepared by having received an adequate preliminary education. The Committee had a very difficult task in being fair to the candidates without being unjust to pharmacy. They had done their very best on all occasions to discuss and dispose of the cases quickly from the meagre information before them. They had made mistakes; it was inevitable that they should do so; but they had always fairly and evenly balanced the considerations which ought to be taken into account in dealing with the cases. Long service in the Army or Navy entitled a candidate to special consideration, but they had very carefully to consider what he had done in preparing himself; what advantage he had taken of the opportunities afforded him to qualify; or what attempts he had made to pass the Preliminary examination. The Committee had given generous consideration to all these points, and where there was evidence of a candidate having trained and gone through a course of instruction this fact had weighed very heavily in his favour. The Committee had also to look very carefully at the point whether the candidates' career or course of study had been interrupted by the war. This did not apply so much in the case of the young man as it sometimes did in the case of men of maturer years. All considerations had been brought before the Committee in order that they might arrive at decisions in all respects fair to every candidate.

The VICE-PRESIDENT remarked that all that Mr. White had said was perfectly right, and it was also right that the country should know the great amount of work which the consideration of the applications involved. Mr. White would be the last one to say anything about what he himself had done in connection with that work, but some of them knew from personal observation the hours of drudgery he had devoted to ensure careful consideration of every point in every case. If there was any man at the Council table who deserved special thanks in that connection, Mr. White had certainly merited them.

The President expressed a wish to associate himself with the sentiments expressed by the Vice-President. He, probably more than any member, he remarked, knew the amount of work which some of the London members had devoted to the consideration of the applications, and the Chairman of the Committee (Mr. White) had given very special attention to the arduous duty of going into all the details.

The Secretary stated that a letter had been sent to the principals of all the schools at which ex-Service men are being trained, requesting them to direct the attention of their students to the Council's decision in regard to the registration. With all the good will in the world. he did not think it would be possible for the Committee to deal with any applications which came in after December 20. All the papers had to be abstracted and copies of the précis sent to members of the Committee. Committee had to consider each case on its merits and then report to the Council. He was quite certain it would be impossible to deal with the applications if they were received after the date he had mentioned, in time to be submitted to and finally disposed of by the Council at their meeting ten days later.

The report of the Committee was then adopted.

MINISTRY OF HEALTH COMMITTEE.

The report of the Ministry of Health Committee stated that they had considered the case presented by the deputation to the Council relating to the requirement of the by-laws as to the practical training candidates for the Qualifying examination are required to undergo. A letter from the Incorporated Association of Hospital Officers was also considered, making the same representation—that provision should be made for the training, or part of it, to be taken under pharmacists in public institutions. The Committee decided to report to the Council that in their opinion no fresh facts or arguments had been adduced to justify a modification of the regulations. They recommended:

That the above report be embodied in the Council's reply to the deputation and to the Incorporated Association of Hospital Officers; that both be informed that the Council are alive to the unsatisfactory conditions applying to the training and qualification of those engaged in pharmacy in the public Services; and that the Ministry of Health Committee of the Council has this matter under its imme-

diate consideration.

The Committee also expressed the opinion that the Society should be prepared with a considered case for presentation to the Ministry of Health and other appropriate authorities dealing with the future functions of the pharmacist and of the suitable training and qualification to enable him to perform those functions. They recommended:

That the Ministry of Health Committee be empowered to co-opt, for the purpose of assisting them in presenting a report to the Council on what should be the future functions and training and qualification of the pharmacist, certain non-members of the Committee or of the Council.

The Secretary, in reply to Mr. Hagon, said that the subject of the suggested modification of the regulations relating to the training of pharmacists had been dealt with by the School Committee and the Ministry of Health Committee, as it came within the purview of each.

The Vice-President, as Chairman of the Committee,

proposed the adoption of the report.

Mr. White stated that the School Committee regarded the new regulation relating to training as a step forward. It was important and vital in removing a difficulty they had experienced for many years. They did not think that the interests prejudiced by it were sufficiently important to justify them in varying it. The Ministry of Health and the School Committees realised that insistence on proper training was necessary, and they felt that the regulation should not be disturbed.

The VICE-PRESIDENT stated that he entirely agreed

with Mr. White's expression of opinion.

Certain points relating to the recommendation regarding the future functions, training, and qualifications of pharmacists were discussed in camera.

The following motion, notice of which had been given

by Mr. Jenkin, was next brought up:

That the Ministry of Health be approached with a view to receiving a deputation from the Pharmaceutical Society of Great Britain to ask that in any scheme of National Medical Service the preparation and dispensing of drugs as medicaments for human use shall be restricted to duly qualified persons.

Mr. Jenkin said that the subject embodied in the report of the Ministry of Health Committee practically covered all that he had intended to ask the Council in submitting the motion. He thought the time had come when the qualifications of those engaged in the preparation of medicaments should receive the very careful attention of the Council, and that a public pronouncement of their ideals and opinions thereon should be made. As a member of the Ministry of Health Committee, he had heard at the meeting held the previous day the arguments which were advanced

for and against a public discussion of the matter, and he had come to the conclusion that anything which a single member, such as himself, might say would add very little to their knowledge of the subject, particularly when he considered that there were so many more capable than himself who could discuss, give information upon, and might be prepared to submit to the Council a really considered scheme for dealing with it. He would, therefore, with the permission of the President and the Council, ask that the motion be remitted to the Ministry of Health Committee, to be considered in conjunction with the recommendation they had submitted.

The report was then adopted, and it was agreed that Mr. Jenkin's motion should be remitted to the Committee

for consideration and report.

LOCAL ASSOCIATIONS EXECUTIVE COMMITTEE.

The report of this Committee of November 18 stated that the Secretary had reported that meetings had been called at Leicester on November 26 and at Ipswich on November 27, in accordance with the scheme for the Federation of Local Associations, to inaugurate Federations for the Midland and East Anglian portions of the central group. It was recommended that the representatives attending the meetings be instructed to press the adoption of the rules, but that if any modifications were desired by the Federations, these should be accepted subject to subsequent approval by the Local Associations Executive Committee. The Chairman (Mr. J. W. Deakin) had drawn the Committee's attention to the letter he had addressed to the Press on the subject of an English Federation. The Committee congratulated the Chairman on this, and assured him of their confidence and active support in the attitude he takes on this subject. They further recommended that at the group meetings now being organised the local Associations be advised to take no action regarding a new organisation until the legal decision regarding the powers of the Society in relation to trade matters had been obtained. With reference to negotiations which had taken place regarding National Health Insurance terms, it was recommended that Pharmaceutical Committees be asked to recommend panel chemists not to discontinue service at the present juncture.

Mr. Wolff asked what it was that the Committee con-

gratulated their Chairman upon.

Mr. Deakin replied that it was on his having expressed so clearly through the Press the opinions which its members held on the matters referred to in the report.

Most of the matters referred to in the report were discussed in Committee, and ultimately the report was

adopted.

SOCIETY OF SCIENTIFIC STUDIES.

The Secretary reported receipt of a letter from the Society of Scientific Studies intimating that the term of office of the Pharmaceutical Society's representative upon it expired in December. It was unanimously resolved that Mr. Edmund White, the Council's representative, should be reappointed.

BOARD OF EXAMINERS.

Mr. White intimated that a vacancy on the Board of Examiners for England and Wales had arisen in consequence of Professor Phillips being unable to act upon it on account of age. It was unanimously agreed that Mr. C. H. Warner, F.I.C., should be appointed to the vacancy.

Ex-Service Men.

Mr. Hines raised a point regarding ex-Service men, who, he said, are experiencing financial difficulties whilst awaiting training, in consequence of the delayed payment of the Government grants. He thought the attention of the Ministry of Labour should be called to the matter.

Mr. Sargeant said that he understood the delay in the payment of the grants had been due to the "snowing under" with applications of the Central Committee in London. He also understood that decentralisation had taken place, and that the delay to which Mr. Hines had called attention would cease.

This was all the public business, and the Council after-

wards sat in private.

Festivities.

Leicester Assistants' Dance.

As invitation dance was held by the Leicester and Leicestershire Pharmaceutical Assistants' Association in the Oriental Hall, Market Place, Leicester, on November 19. About a hundred guests took part in what was unanimously considered a highly enjoyable evening.

Whist-drive at Southampton.

The second whist-drive promoted by the Southampton Pharmacists' Association was held at Lowman's Restaurant, on November 26. About seventy local chemists and their friends were present, and spent a most enjoyable evening. During the interval Mr. Guy Seymour gave a short monologue. The prizes were presented by Mr. Jewell (the President).

Anniversary Dinner.

THE General Surgical Co., Ltd., gave a dinner on December 2 at Ye Old Cheshire Cheese, Fleet Street, London, to Mr. A. Box, in celebration of his completion of twentyfive years' service with the company. Mr. Box was also presented by the company with a gold watch, suitably inscribed. A capital programme of music was provided.

Whist-drive and Dance.

THE South-West London Chemists' Association held a whist drive and dance on November 26, at which about 120 members and friends were present. An enjoyable evening was passed. The winners of whist-drive prizes were: Ladies' prize: 1, Mrs. Arrowsmith; 2, Miss Peters; sealed number, Mrs. Shakerley. Gentlemen's prize: 1, Mr. W. Shanahan; 2, Mr. W. J. Boyes; sealed number, Mr. A. W. Killick. Prizes were presented by Mrs. Humphrey. During the evening a presentation was made by the President to the Hon. Secretary, Mr. E. Skues, on the occasion of his marriage.

Nottingham Chemists' Dinner.

THE Nottingham Pharmaceutical Association held a

dinner on November 20 at the Albert Hotel, Nottingham, the President (Mr. A. E. Beilby) in the chair. Ladies were present, and an excellent musical programme was greatly enjoyed. Mr. E. S. Waring (Boots, Ltd.), in proposing the toast of "The Association," dwelt on his early memories of his career in Nottingham, and made some com-ments on recent legislation affecting pharmacy. Mr. Beilby replied. Mr. Harold Middleton proposed "The Nottingham Pharmaceutical Committee," eulogising the work of its chairman, Mr. A. Eberlin, J.P., who acknowledged the toast. "The Ladies " was entrusted to Mr. H. C. Prince, whose speech was quaintly Mr. A. Eberlin, J.P. adorned by an anecdote apparently got from one of his "commercial" friends.

Mr. E. C. Carr (secretary) made a humorous response, expressing the opinion that ladies had come to stay in





MR. E. S. WARING.

MR. E. C. CABR.

pharmacy, and eventually would supersede the mere men. His portrayal of the lady pharmacist as a "salesman was the feature of the evening.

Corner for Students.

Conducted by Leonard Dobbin, Ph.D.

about lea long should be addressed "Corner for Students, "The Chemist and Druggist,' 42 Cannon Street, London, E.C. 4."

QUALITATIVE ANALYSIS.

A MIXTURE of not more than three salts will form the subject of the next exercise in qualitative analysis. The mixture will comprise acids and inorganic bases occurring in the British Pharmacopæia, and is to be submitted to a thorough systematic examination, all its constituents are to be detected, and proof is to be given that the sub-

stances detected are the only constituents of the mixture. Students' applications for portions of the mixture of salts (accompanied by a stamped and addressed envelope, not a stamp merely) will be received up to Tuesday, December 9, on which day the samples will be posted. Students' reports will be received up to Saturday, December 20. Each report should contain a concise account of the work done, and should include a list of the constituents detected. In this list any substance regarded as an accidental impurity should be distinguished from the essential constituents of the salts composing the mixture.

The analysis announced above forms the second exercise in the analytical tournament for the current winter session. The usual monthly first and second prizes in this series of analyses will be awarded only to apprentices or assistants who are preparing for the Qualifying examination of the Pharmaceutical Society of Great Britain or of Ireland, which fact must be attested on their reports.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Donggist Diary." 1917, D. 220

(From "The Trade-marks Journal, October 29, 1919.) "NDBLE"; for all goods (2) and for polishes, etc. (50).
"SNOWDOWN"; for toilet soaps (48). By Robin & Houston, Ltd., Wright Street, Renfrew. 392,885/887/889. (Associated.)

(Associated.)

"TEBOL"; for disinfectants, etc. (2). By J. D. Tipping, Ltd., 24 Swallow Street, Hillgate, Stockport. 392,561.

"R. W. T. ALFORD"; facsimile signature for chemical fluids (2). By R. W. T. Alford, 54 Baldwin Street, Bristol. 394,111.

"PULVO"; for manures (2). By C. H. Joyce, The Shieling, Fort Road, Shorelam-on-Sea. 394,149.

"FLAG BRAND" on flag device; for fertilisers (2). By F. A. Schouten & Co., Ltd., 602 Salisbury House, Finsbury Circus, E.C. 2. 394,190. (Associated.)

"ZIZILOINT"; for veterinary chemicals (2). By B. Lynham, Victoria Mansions, High Street, Newmarket. 394,415.

ham, Victoria Mansions, High Street, Newmarket. 394,415.

"RANICIDE"; for chemicals (2). "ANODESYN BRAND MEDICATED OINTMENT"; for medicinal chemicals (3). By Boots' Pure Drug Co., Ltd., 37 Station Street, Nottingham. 394,988/498.

"RADIOTHERM"; for medicinal chemicals (3). By A. De St. Dalmas & Co., 40 Belgrave Gate, Leicester. 392,444.
"Gonacrine Brand a Medicinal Preparation"; for a medicine (3). By Les Etablissements Poulenc Frères Société-

"Gonacrine Brand a Medicinal Preparation"; for a medicine (3). By Les Etablissements Poulenc Frères Société-Anonyme, 92 Rue Vielle du Temple, Paris. 392,609.

"Kornoid Brand Corn Cure"; for a corn cure (3). By A. J. B. Bartlett, 17 Clapham Park Road, Clapham, London, S.W. 4. 393,291.

"Exmo Brand Ointment"; for an ointment (3). By J. Bell, 120 Battlefield Road, Langside, Glasgow. 393,376.

"Wilda" over signature; for all goods (3). By W. T. Davic, 249 High Street, Glasgow. 394,250.

"Regephl Brand Pills for Human Use"; for medicinal chemicals (3). By Regesan, Ltd., Trent Street, Nottingham. 394,296. (Associated.)

"Gracule"; for all goods (8). By A. Henning, 120 Harrow Road, Leytonstone, E. 11. 394,572.

"Golden Orb"; for mineral waters, etc. (44). "Glorvina": for beverages (43), and for mineral waters, etc. (44). By A. J. Caley & Son, Ltd., Chapel Field, Norwich. 395,018/019/020. (Associated.)

"Sheena"; for all goods (48). By R. L. H. Morgan, 48 High Road, Chiswick. 391,475.

Society of Chemical Industry.

LONDON SECTION.

AT the meeting of the London Section, held at Burlington House on December I, Mr. Albert Henning read a paper on Ethyl Chloride, in which he dealt exhaustively with this preparation. It is first mentioned in 1500, and also by Glauber. Its commercial production is very extensive; one German factory before the war alone had an output of 250,000 kilos, of ethyl chloride per annum. It is now manufactured on a large scale in the United States, in Canada, and recently its manufacture has been taken up in Australia. The author dwelt upon the numerous erroneous views entertained regarding ethyl chloride and its alleged inflammability and other dangerous properties, which he was able to prove were practically non-existent. It is largely used as an ethylating agent in the manufacture of dyestuffs and in research work, and it is the cheapest agent for this purpose. It is also used as a solvent and for extractions. Another important field of application for ethyl chloride is for refrigerating, for which purpose it is extensively adopted in the United States, particularly on board warships. Its medicinal use as an anæsthetic was also briefly mentioned.

In his paper on The Influence of Impurities in Iead when it is Heated with Concentrated Sulphuric Acid, Mr. Ch. E. Barrs detailed the results of numerous investigations on the effect of certain impurities in lead in its resistance to the action of sulphuric acid. One brand of lead was found to resist the action of the acid until the temperature reached 300° C., while another brand was attacked at 250° C. It was found that this difference depended principally upon the proportion of copper present in the lead—the higher the latter, the greater the resist-

ance of the lead to the action of the acid.

BIRMINGHAM SECTION.

At a recent meeting of the Birmingham Section, Messrs. E. C. Rossiter and Cyril S. Dingley presented an interesting paper on Some Aspects of the Potash Industry in Great Britain. The importance of a home supply of potash is second only to that of the supply of combined nitrogen, and in this country potash occurs as a by-product in considerable quantities in the blast-furnaces, the cement industry, and the wool-washing industry. The authors have conducted an exhaustive investigation of the possible production from the blast-furnaces of England and Wales, extending over a period of three years. Under the existing method of blast-furnace management the greater portion of the potash charged into the furnace is carried into the slag; further, the collection of the dust from the stoves and boilers would provide only a small portion of the potash requirements of the country. Therefore, to make a potash industry worth while, it will be necessary to make an addition of salt to the furnace charge, com-bined with an adequate means of cleaning the furnace gases. An examination of the materials used in the manufacture of pig iron showed that the chief source is the iron ore, of which the potential production of potash, calculated as KCl, is in the case of ferro-manganese ores, per ton of pig iron, 37 lb.; North Lincolnshire ores, 49 lb.; Cleveland, 46 lb.; and North-West Coast, 10½ lb. On the other hand, limestones and cokes do not, as a rule, yield more than 3-5 lb. of KCl per ton of pig iron made. the manufacture of potassium salts only that portion of the potash which is carried by the gas is available, and the greater the quantity of potash present in the ores, the greater will be the proportion remaining in the slag. Unless a large proportion of the latter can be transferred to the gas, a sufficient quantity of potash to make this industry worth while will not be available. To effect an increased volatilisation of potash, salt is added to the blast-furnace charge; thus in the case of the North Lincolnshire Ironworks it was found that the addition of an average of 41.4 lb. of salt per ton of iron resulted in an increase from 27 lb. to 56.7 lb. of potash, calculated as KCl, volatilised into the gas. The authors sum up the

results of their investigations by stating that from the results obtained by the addition of salt to those few furnaces to which it has been added up to the present, we can conclude that in the case of furnaces using North Lincolnshire ores about 80 per cent, of the potash will be volatilised into the gas, and be therefore recoverable by the use of adequate gas-cleaning plants; the hæmatite furnaces will also yield about 80 per cent. of the potash, and the furnaces using Cleveland ore about 33 per cent. of the potash contained in the furnace charge. Basing on the Home Office report of the quantities of ores and coke used in British blast-furnaces in 1917, it is possible to calculate the potential production of potash from this source. On the exceedingly conservative figures upon which the authors have based their calculations, it is shown that a potash industry obtaining raw material from the blast furnaces of England and Wales would be able to provide potassium salts equivalent to about 63,000 tons of potassium chloride per annum. The potash now going to waste in the manufacture of ferro-manganese has not been taken into account in these calculations, nor has any allowance been made for the substitution of home ores for foreign ores, which is so rapidly developing; nor has any allowance been made for any improvement in the recovery of potash from furnaces using Cleveland ores. If these factors are taken into consideration, the authors are of opinion that a conservative estimate of the potash which can be recovered from the blast-furnaces of England and Wales may be taken at 80,000 tons per annum, calculated as KCl, equivalent to about 50,000 tons of potash expressed as K2O. This potential output may be taken as approximately double the pre-war consumption of this country.

General Medical Council.

The programme of business for November 27 was comprised in half-a-dozen lines and was got through in an hour and a-half-a quite unparalleled celerity, the session being the shortest on record. The Public Health Committee had had under consideration a communication from the Director-General of the Admiralty in regard to the granting of concessions as to the length of curriculum to medical officers of the Royal Navy who desired to take the public health diploma. The Committee recommended that no concession be made as to the duration of the curriculum, but that 'nine months' "study leave" be granted to candidates by the Admiralty. This was adopted, together with the recommendation that the diploma in public health of the University of Edinburgh be added to the list in the Register.

REPORT OF THE PHARMACOPEIA COMMITTEE.

This report, brought up by Sir Norman Moore, seconded by Sir John Moore, was received and entered in a trice.

The number of copies of the "British Pharmacopæia, The number of copies of the "British Pharmacopæia," 1914, which were sold by the publishers between May 24, 1919, and November 21, 1919, was 2,259. The number sold in the year ended November 21, 1919, was therefore 3,534. The total number sold since the date of publication is 35,270. An additional issue of 5,000 copies was authorised by the Council last May. The increased demand for the work may make it necessary to authorise a further issue next year.

DENTAL REGISTRATION.

The report of the Dental Examination and Education Committee showed that there has been considerable difficulty in interpreting the Act of 1878, in view of the number of applications for registration on Colonial and Foreign lists which came in after the war. The Committee had not been able to recognise a qualification on its merits, but were governed by the letter of the Act. The report shows that nearly a score of applicants come from the University of Toronto, and that degree is accepted, but the L.R.C.S. of Ontario is not. The usual vote of thanks to the chairman concluded the business

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Associations' Winter Session.

Aberdeen .- Mr. John Keall (President of the Proprietary Articles Trade Association) visited the Aberdeen Pharmaceutical Association recently, and addressed the members on the latest movements in P.A.T.A. and Chemists' Defence Association affairs. Mr. Keall was entertained in the afternoon to luncheon in the Palace Hotel, Mr. W. F. Hay presiding. The evening meeting was well attended, and Mr. Keall's address dealt with the objects and ideals of the P.A.T.A. He was favourably impressed with the demand for face values, but only for those which secured to the retailer an adequate profit on his sales. With regard to the C.D.A., no one, he said, could afford to stay outside, as the risks which all are liable to are too much for any man to carry through his business life. A local case brought up showed that the C.D.A. had not only been able to save the pharmacist from trouble with a doctor over the dispensing of a prescription, but had cleared him triumphantly and also saved him considerable out-of-pocket expenses. Mr. Keall said they had at present a reserve fund of 10,000%. and were aiming at 20,000%, when the benefits would be considerably increased. Profiteering was also brought up, and Mr. Keall showed that, provided the rate of profit derived from a particular article or service was not greater proportionately than in pre-war times, no mau need feel uneasy.

Barry.—A well-atteuded meeting of the Barry and Penarth Chemists' and Pharmacists' Association was held on November 28, at which the following officers were elected: President, Mr. William J. Allen (Barry); Treasurer, Mr. H. A. Hobbs (Penarth); and Secretary, Mr. 1dris M. David (Barry). The Profiteering Act was discussed, and mutual support agreed upon. A resolution was passed, requesting that the current market price be the basis for assessment of profit. In view of a communication from headquarters, it was agreed that chemists continue their panel service in 1920. The chairman called attention to the danger underlying the introduction of the new book of Insurance formulas by the county authorities, and it was agreed to protest against its adoption.

C.A.A.—A meeting of the London Chemists' Assistants' Association was held at 17 Bloomsbury Square on November 27, to consider the future of the Association, and it was ultimately decided to continue its activities, as in the past. Office-bearers were appointed pro tem. until the next meeting of the Association, which will be held in January 1920.

Coventry.—At a meeting of the Coventry Association of Pharmacists, held on November 27, Mr. Hugo Wolff gave an address on the Proprietary Articles Trade Association. Mr. C. H. Welton presided. Mr. Wolff reviewed the work of the P.A.T.A., and explained the efforts made at headquarters to bring some popular patents into line. Over 90 per cent. of P.A.T.A. articles are now protected at face values. He suggested that local associations could help the Association by sending official resolutions to manufacturers not on the P.A.T.A. asking them to join and to allow a reasonable profit on their goods. After several questions, to which Mr. Wolff replied, a vote of thanks to the speaker was passed. At the close of the meeting a resolution was directed to be sent to Local Association Executive Committees requesting that the current wholesale price, and not the invoice price, be taken as the basis of current retail price.

East Anglia.—The East Anglia Federation of Pharmaceutical Associations met at the Crown and Anchor Hotel, Ipswich, on November 27, Mr. C. Smalley (President) occupying the chair. Among those present were Messrs. Clement W. Ridyard (Derby), J. A. Pegg (Notts), Arthur E. Young (Leicester), B. Sidney Campkin (Cambridge), C. Davidson (Ipswich), A. G. Gamble (Bury St. Edmunds), Sydney A. Body (Southend), and other area representatives of the Local Associations Executive. A lively discussion took place on the alleged withholding of grants to ex-officers for training in civil occupations.

and it was ultimately agreed that a cutting, from a daily paper, dealing with the subject should be sent to the secretary of the Pharmaceutical Society and to Mr. Campkin member of council. The rules of the enlarged Federation were next considered. Certain suggestions were made at the last meeting at Peterborough, and their deei sion that evening would be more or less final. Mr. Ridyard said that, with one or two exceptions the Midland section agreed to the draft, but they wanted something approaching uniformity, and therefore wanted to hear the views of the East Anglia section. The President remarked that their own experience of representation was the better plan, and they wanted all interested pharmacists to attend any Federation meeting, whether they were delegates or not, but limited the voting power on any contentious measure to the delegates only. It was then decided that the Federation should be known as the East Anglian section, and have one delegate for each twenty-five members. It was also decided that a levy of 2s. per member be made to finance the Federation. The size of the Executive Committee was altered from eight to twelve, and a quorum at a general meeting will consist of seven members, representing at least four associations. It was agreed that the third-class rail of the delegates' expenses should be a charge upon Federation funds, and that the rule regarding the appointment of a secretary should stand as printed. The "whole-area" secretary will receive 25l., and the other secretary 15l. The meet ing then agreed to the formation of a Federation for the East Anglian Group of No. 6 Area under the Local Associations Executive scheme as amended. The next meeting will be held at Cambridge in February, when the old Federation will be wound up. Mr. Ridyard then gave a very interesting account of the recent work of the Local Associations Executive Committee. the motion of Mr. Body it was resolved to condemn the publication of private official information, and to urge that every effort be made to prevent a recurrence.

Edinburgh.-The opening meeting of the Edinburgh Chemists' Assistants' and Apprentices' Association was held in the Pharmaceutical Society's Hall, 36 York Place, Edinburgh, on November 26, Mr. H. W. Blair (Vice-President) in the chair. There was a large attendance. The President (Mr. Henry Stout, Ph.C.) presented to Miss I. A. Purdie the Ewing Pharmacy Prize, consisting of the British Pharmacopoeia and other books to the value of 1l. 1s., and the Dick Botanical Prize, consisting of Squire's Companion and other books to the value of 11. 18. The thanks of the Association were accorded to Dr. J. Laidlaw Ewing and Mr. Robert Dick, the donors of the prizes. The President then gave an address on The Formation and Classification of Fruits. He explained the relation of the flower to the fruit, and, by means of diagrams, the development of the flower was traced, with the various methods of pollination, resulting in the formation of seed and fruit. By means of over fifty specimens of the different kinds of fruits the method of classifying or grouping the fruits together was practi-cally demonstrated so as to make their study casier. A vote of thanks to Mr. Stout was accorded with acclamation. A special meeting of the Edinburgh Chemists' Trade Association was held at 36 York Place on November 28, Mr. Brown (president) in the char-The Chairman explained that the meeting had been called to determine whether the association should still exist as such, or merge itself into the local branch of the Scottish Pharmaceutical Federation. The work done by the association could, he said, be carried on more effectively by the local branch of the Federation. The following resolution was passed:

That this meeting agree to merge the Edinburgh Trade Association into the local branch of the Scottish Pharmaceutical Federation with all funds, books, and documents.

It was agreed that the late committee be given powers to wind up the association Mr. Glass, a member of the association since its inception, moved a vote of thanks to the Pharmaceutical Society for the use of their house, and also to Mr. Hill for his help and interest in the association.

Folkestone.—At the annual meeting of the Folkestone Chemists' Association, held on November 19, the following officers were elected: President, Mr. F. G. Curtis; Treasurer, Mr. L. Giles; Secretary, Mr. Frank C. Jones. The treasurer reported a substantial balance in hand and that he had sent 78t, to the War Auxiliary Benevolent Fund. The Profiteering Act, the draft regulations for 1920, and the question of a rota for Sunday work were the subjects of a lively discussion.

Halifax.—A meeting of the Halifax Chemists' Association was held on November 26, the President (Mr. B. C. Hodgson) in the chair, at which the Profiteering Act was discussed, and it was unanimously decided to adhere to the minimum retail price list. A resolution was passed commending the adoption of the current wholesale price as the basis of the current retail price. The secretary reported forthcoming visits from Mr. Hugo Wolff and Mr. J. Keall. Membership subscription was increased to 7s 6d. Encouraging offers of support continue to be received from various associations respecting the campaign against unprofitable patent medicines.

Haverfordwest,-The South Wales and Monmouthshire Federation held its quarterly meeting at the Castle Hotel, Haverfordwest, on November 19. There was a good attendance. The President (Mr. Benson Harries, Newport) occupied the chair, and among those present were Mr. Albert Hagon (Cardiff), Mr. Leo Joseph, J.P., (Cardiff), Mr. H. M. Lloyd (Merthyr Tidfil), Mr. Francis Phillips (President of the Pembrokeshire Pharmacists' Association), and Mr. Pugh Davies (secretary), Mr. Walters (Burry Port), Mr. John S. Gilbert (Swansea). After the President had welcomed the members, the congratulations of the Federation were offered to Mr. Leo Joseph on his election as a member of the Welsh Consultative Council under the Ministry of Health.

Insurance dispensing, face values, and Proprietary Articles Trade Association matters were then discussed. Mr. Walters (Pembrey) suggested that the Federation should invite medical practitioners to give pharmacists all their dispensing, pharmacists, in return, giving up prescribing. The President moved a vote of thanks to the retiring secretary (Mr. Ernest C. Harden, Cardiff), paying a tribute to the efficient manner in which Mr. Harden had carried out his duties. He then announced that North Wales pharmacists are forming local associations which will federate with South Wales and Monmouthshire. He pointed out that a great event in the history of pharmacy had occurred in the opening of the Welsh College of Pharmacy in Cardiff, and he expressed the hope that arrangements would be made for pharmacists to obtain a degree in science at the College. Mr. Leo Joseph spoke on insurance dispensing, the Profiteering Act, etc. He considered that students of pharmacy had benefited by the introduction of a curriculum and by the division of the Qualifying examination. He believed that the Ministry of Health admits the justice of the claims of pharmacists, and is prepared to meet them in an equitable way. Mr. Albert Hagon (Cardiff) appealed for members to have confidence in the Pharmaceutical Society and Council. The fulfilment of a clause in the 1908 Act was, he said, the discharge of an obligation in an honourable way, consistent with the dignity of the profession. He was optimistic with regard to the future of pharmacy, and believed that all dispensing would ultimately be done by pharmacists. After votes of thanks had been accorded to the Pembrokeshire Association for the cordial reception of the members of the Federation, and to the President (Mr. Benson Harries) and others, at the invitation of the Carmarthenshire Pharmaceutical Association it was decided to hold the next meeting at Llanelly in January. Mr. W. T. Sivertsen (Swansea) was elected secretary of the Federation for the year.—During the meeting the members adjourned for high tea.

Unit of the Incorporated Association of Hospital Officers met on November 28, Mr. F. A. Hocking, B.Sc. (London Hospital), in the chair. There was a large attendance of pharmacists and their friends. Among these were Messrs. Wicliffe Peck, E. A. Andrews, Langford Moore, E. B.

Fairweather, C. H. Hampshire, F. H. Gillett, F. W. March, Miss L. E. Jacob, Miss R. Sproule, and the hon. secretary, Mr. H. Newton Andrews. A discussion was initiated by Mr. T. Whitmore Peck (pharmacist to the Canapal Haspital Birmingham). General Hospital, Birmingham) on Salaries of Hospital Dispensers, who said that the salaries at present paid are inadequate. Unfortunately, hospitals are under no legal obligation to appoint pharmacists as dispensers, and this fact tends to keep down salaries, especially in the provinces. Then, again, when increases in salaries are mentioned, institutions often plead their charitable constitution, and therefore employés cannot expect big emoluments. He was afraid in the past some had been foolish enough to act on this. A discussion followed Mr. Peck's remarks, and much useful information was elicited, which will be made use of by the Committee. It was decided to invite five members to co-operate in this work, Messrs. Langford Moore, Gillett, Hampshire, Wicliffe Peck, and March being chosen. Arrangements for the January monthly meeting of the Association will be undertaken by the Pharmacy Unit.—In view of the short time which has elapsed since the Pharmacy Unit was established, its growth has been in every way most satisfactory. At the present moment the membership exceeds 100 dispensers of voluntary hospitals, the great majority of whom are pharmacists. An invitation is extended to all dispensers of voluntary hospitals to become members.

London (S.E.).—A district meeting of the South-East London Chemists' Association was held on November 26, Mr. H. S. Foster in the chair. It was reported that the face-values arrangement, inaugurated in March 1919, had proved successful, and a resolution was passed that the meeting did not consider a rota after 8 p.m. necessary. It was agreed to adopt the "British and Colonial" pricelist, and to price private prescriptions with the code word "Bishopgate."

London (W.).—A meeting of the Western Pharmacists' Association was held at Pinoli's Restaurant, Wardour Street, W., on November 27, the President (Mr. H. S. Watson) in the chair. There was a large atten-After sixteen new members had been elected, Mr. A. R. Melhuish opened a discussion on Profiteering Problems. Having summarised the operative clauses of the Act, Mr. Melhuish suggested that business interests should have representation on Profiteering Committees. He was not in favour of the proposal made, on behalf of West-End retail traders, that the mean between invoiceprice and current cost price should be the basis for determining profit (C. & D.), November 29, p. 69), pointing out that it might mean that different retail prices would be sanctioned in the same district. The special subcommittee of the Local Associations Executive appointed to deal with profiteering charges had not had so much work as might have been expected. So far as dispensing was concerned, the system of Mr. C. T. Allen (C. & D., May 3, p. 53) would, if properly applied, long outlive the Profiteering Act. The President, in opening the discussion, emphasised the value of loyalty among pharmacists. Two attempts had lately been made by members of the public to bring formal charges of profiteering against him. In the one case the prescription, which contained, inter alia, oleum gaultheriæ verum, had been dispensed elsewhere at half his price (the inference being obvious); in the other, a considerable quantity of cocaine was one of the ingredients. Both attempts broke down, however. Mr. C. T Allen pointed out that there was a reasonable elasticity in his system of dispensing-charges, and expressed the view that chemists' charges would have to be higher. The profiteering cases hitherto heard amply showed that there was no collusion between traders. Mr. W. H. McCallum referred to the full report given in THE CHEMIST AND DRUGGIST of the case against Allen & Hanburys, Ltd. (C. & D., November 22, p. 48), and expressed his general agreement with the pricing-system of Mr. Allen. Mr. J. P. Ellerington gave some practical hints, based on experience, of the line to be taken if one was cited to appear as respondent before a Profiteering Committee. In the case of trivial sums, for instance, it might be urged that every 3d. transaction cost 2½d. His local Committee insisted on the production of invoicesand the principle might be a right one for some things, e.g., nail-brushes. Systems should not be applied too logically. An 8-oz. lotion containing 1 gr. of potassium permanganate should be more than 6d. The takings on thirty 6-oz. mixtures—say, 3l.—cost 1l. in salary. A prescription containing ext. ergotæ liq. 3j. had been inadvertently priced at 2s. 6d., not long ago, in a West-End pharmacy, with the result that the customer made a scene in his (the speaker's) pharmacy, where a higher price was charged. Mr. F. A. Rogers expressed a doubt whether the new system of pricing was as good, for average prescriptions, as the old flat-rate system. The discussion was continued by Messrs. W. Browne, A. W. Hall, B. R. Wilkinson, R. R. Pratt, I. T. Lloyd, and others, one interesting matter introduced being the allowance that should be made for a proprietor's "salary." Estimates varied from the equivalent of a manager's salary to 800l. per annum (as an average—with an upward extension to 2,000l.). A resolution was passed in favour of the current wholesale price being taken as the basis of the current retail price; and it was agreed to forward this opinion to the Pharmaceutical Society. The report of the London County Executive was presented by Mr. C. A. Noble, who announced that Mr. G. A. Tocher has been appointed trade secretary, and is in charge of the exchange list for London; and the meeting concluded with a reference by Mr. T. M. Davis to a recent Shops Act case.

Newcastle-on-Tyne Pharmacists' Association was held on November 19, Mr. Flemming (President) in the chair. There was a good attendance. The vacancy for the secretaryship of the Proprietary Articles Trade Association for the East End was filled by Mr. Atkins. The principal topic of the evening was the Profiteering Act and its aspect from a trading standpoint, also with regard to dispensing; the meeting was in favour of adopting a uniform scale of dispensing charges. After a lengthy discussion Mr. Buckley proposed that the minimum retail price-list scale of charges be adopted, with the exception that the usual bottle charge should be made. Mr. Bnckley also proposed that the system of marking the price on each prescription be universally adopted, and this was approved. The following gentlemen were elected members of the Association: Messrs. Dobson, Askew, Dickinson, Harle, Hunter, Foggin, and Dickson.

was held on November 19, when a satisfactory report of progress during the past year was given by the secretary, and the treasurer's statement showed a considerable balance in hand. All the officers were re-elected, and the Committee was strengthened by the addition of Messrs. Figg and Kirkpatrick. Cordial thanks were accorded to all who had contributed to the success of the year's working, and arrangements for the coming session were outlined. There has been a large accession of new members. It is proposed to develop the social activities of the club, while continuing to extend hospitality to pharmacists desiring a central place of meeting.

Public Pharmacists.—The Public Pharmacists' Association held the inaugural meeting of the session at 17 Bloomsbury Square on November 26, Mr. T. H. W. Idris, J.P. (President), in the chair. The following chemists and druggists were admitted to membership: Mr. T. Sefton Bowers (R.N. Hospital, Hong Kong), Mr. L. Billington (Islington Infirmary), Mr. J. D. Robinson (Camberwell), and Mr. W. J. Stevenson (Belfast), At the outset Sir Wm. Glyn-Jones spoke in private. In his address reference was made to the by-law controversy and to the new conditions for qualifying as a pharmacist. Afterwards questions were invited and replied to by the speaker. A vote of thanks was then accorded to Sir William for his address, and to the President and Council of the Pharmaceutical Society for the use of the Society's premises.

Sheffield.—A general meeting of the Sheffield Pharmaceutical and Chemical Society was held on November 27, Mr. E. Preston presiding. Messrs. W. Reck-

less, C. W. Hobson, W. A. Hopwood, and E. Siddall were elected to membership, and the President then called upon Mr. Walter Appleyard. J.P. (ex. Lord Mayor of Sheffield), to give an address on The Middle-Class Union, of which he is chairman. The lecturer said he thought of inviting a discussion. He explained the objects of the union, which cover a wide field, and said that the union consists of all classes not associated with organised labour. The movement is democratic, and is not against trade unions. Over 100 branches have been established and 11,000 members have enrolled. He then proceeded to outline the way in which the business of the association is transacted. Mr. Simons (honsecretary of the union) mentioned that they provide free legal advice for members, and an expert on income-tax was at their command. He said if the middle classes would stand together they could secure three of the Sheffield seats in Parliament. A vote of thanks was accorded to Mr. Appleyard, and Mr. J. T. Appleton gave notice of motion for the next meeting that the Society recommend all members to join the Middle-Classes Union.

Society of Chemist-Opticians.—A meeting of the Council was held at 42 Cannon Street, London, E.C.. on December 1. There were present Mr. F. S. Horsey (President), Mr. W. Maskew, Mr. J. Harcombe Cuff (honsecretary), and Mr. S. W. Woolley. Several apologies for non-attendance were received. The President referred to the interruption in the Society's activities owing to the war, and discussed the question of the future of the Society. It was agreed that in view of legislative activity in optical matters that the Society must be kept in an active state, in case intervention is needed on behalf of chemists. Several accounts were passed, and Mr. T. C. Leddra, St. Ives, Cornwall, was elected a member. The meeting concluded with a vote of thanks to the hon, secretary (Mr. Cuff), who has "carried on" so efficiently in the trying period of the war.

Staffordshire,-Mr. Lloyd (Birmingham), Councillor of the Local Associations Executive, was present at a meeting of the North Staffordshire Chemists' Association, held on November 27 at Stoke-on-Trent, Mr. Mellor (Uttoxeter) (President) occupying the chair, and elncidated many points regarding the Profiteering Act. Mr. Lloyd, replying to questions, said that it was possible to have cases heard in private, and outlined the procedure which a pharmacist should follow in the event of a prosecution. A resolution was then passed for transmission to the Pharmaceutical Society, asking them to press the authorities to take current wholesale list prices as values, instead of invoice prices. Mr. Lloyd proceeded to speak on current pharmaceutical topics. Referring to the new terms of contract for pharmacists, he thought that, in spite of the war advances, the present terms of service are worse than those ruling when the Act came into operation. A vote of thanks was afterwards accorded Mr. Lloyd for his address, and Mr. Dale (Stoke) was congratulated on his election to the Stoke-on-Trent Borough Council. Mr. Dale, the first local pharmacist to attain municipal honours, in returning thanks, said that the Council had elected him member of the Joint Hospital Board Sub-Committee. The next meeting of the association will be on the occasion of the annual dinner in January.

Wolverhampton.—A well-attended meeting of the Wolverhampton Chemists' Association was held recently, Mr. C. M. Warner (President) occupying the chair. A letter from the Dublin and Provincial Retail Drug-trade Association was read by the secretary, and after a discussion, it was resolved to write to the firms mentioned in the letter, and also to the Proprietary Articles Trade Association, stating the Association's agreement with the communication. It was decided to renew, for 1920, the Pricing Committee's arrangement with the Birmingham Association for the supply of the minimum list, and a recommendation from the Committee that members use the minimum retail price-list was unanimously adopted. A sub-committee, consisting of the President, Vice-President, and secretary, were appointed to arrange a whist-drive.

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Concerning Bark and Quinine.

Quinine Order Revoked.

War Office,
25th November, 1919.
Notice.

The Army Council, in pursuance of the powers conferred upon them by the Defence of the Realm Regulations, hereby give notice that the Quinine Dealings Order, 1918,* dated the 7th November, 1918, is cancelled.

By Order of the Army Council,

(Signed) R. H. Brade.

** Published in the "London Gazette" of November 8, 1918.

Thus comes to an end, after several false alarms, the Government control of quinine, which has been in operation since November 8, 1918, when maximum prices were fixed for various quantities, and the sale or purchase of sulphate in lots exceeding 1,000 oz. forbidden, unless a permit was obtained from the Director of Army Contracts. The cancellation affords a welcome relief to the wholesale and retail chemical and drug trades, and, as very fair supplies exist on the spot, there should be no difficulty in supplying everybody's reasonable consumptive requirements. Prior to the removal of control the Director of Army Contracts had been referring consumers to wholesale druggists for their supplies, stating that "reasonable amounts" were obtainable from these sources; but, as wholesalers knew that the Government control was about to be removed, they preferred not to offer, especially as they are now able to get 3s. 11d. to 4s. for small lots of sulphate. The official Dutch price of sulphate in 10,000-oz. lots is 38, 5d. per oz. delivered in London, the price being advanced to this figure some time ago in order to prevent the drug falling into the hands of speculators during the troublesome period in the history of the quinine market. Endeavours have and are being made to keep supplies out of the hands of speculators.

The Bandoeng Quinine Factory,

The striking dividend of no less than 100 per cent. paid out by the Bandoeng Quinine Factory has naturally given rise to considerable comment anent this extremely profitable concern. From the directors' report it is apparent that the personnel of the factory had to suffer severely from influenza during the year under review, but no other cases of sickness occurred. During the war the factory had to work at high pressure to satisfy the everincreasing demand for quinine, and in 1918 its output was double that of 1914. Owing to the tonnage shortage, the factory had to be considerably enlarged to be able to deal with the large quantity of cinchona bark which could not be exported to Europe and to America, and which had accumulated, particularly during the years 1918-19. The additions made to the factory were designed in such a way as not to interfere with the close co-operation of all the various processes, and so as to enable the greatest possible output. In addition, the directors proceeded to erect dwelling-houses for the employés, of which there are now fourteen belonging to the company. The great increase in the amount of bark employed naturally yielded a larger amount of refuse in the form of extracted Instead of throwing this refuse into the river, a procedure which had called forth complaints from the inhabitants of the town, a destructor was erected, in which the extracted bark is now burnt. The total profit derived from the manufacture of quinine amounted to 3,394,184.87 fl. Of this total 850,000 fl. were placed to the credit of the reserve fund, 286,379.90 fl. were written off, while the sum of 1,306,960.13 fl. was paid out to the Dutch quinine factories. The amount paid to the directors as fees totalled 476,753.19 fl., leaving 924,221.48 fl. for distribution to the shareholders, who thus received about double the amount paid out in directors' fees. Although the shareholders have no reason to complain of the amount paid out to them, it is rather surprising, writes the "Soerab. Handelsblad," in commenting on the balance-sheet of the factory, that M. Buseken, the director of the

factory residing in Holland, and M. Van den Bosch, the supervising director in Bandoeng, should receive together in fees a sum equal to half of the total amount paid out to the shareholders, and this journal states that there is a movement on foot among the shareholders to bring about a change in the statutes, aiming at putting an end to this anomaly. It is further pointed out that the bonus distributed to the remainder of the personnel of the factory may be termed negligible in comparison with these enormous directors' fees.

Java Cinchona.

JUDGING from the remarks of the chairman of the meeting of the Anglo-Dutch Plantations of Java, Ltd., and the Tjiwangie Tea Estates, Ltd., held in London recently, the cultivation of cinchona brought considerable profit—in fact, it saved the situation. The chairman of the Tjiwangie Co., in the course of moving the adoption of the annual report, said:

annual report, said:

Cinchona gave us our profit. We were able to market 509,388 lb. of bark at the very satisfactory prices ruling, against 89,696 lb. in the previous season. You may remember that at the close of the season 1917-1918 we carried forward a stock of 441,276 lb. of bark, which was taken into the balance-shect at cost of production only. The contract with the Dutch combine came to an end in July 1918, and under the terms of their agreement they were entitled to claim, and they did claim, the greater part of our stocks. In addition, two large shipments despatched in Junc 1917 to Europe were finally discharged in the United States. The payments for these, as well as the proceeds of a shipment that was eventually discharged in London, come into the accounts of the year under review. The cost price of bark harvested during the year, and including the carry-forward from the previous year, works out at 2.52d. per lb. The average net proceeds came to 6.95d. per lb, leaving a profit of 4.43d. per lb. . . This season, from November onwards, the prices for tea materially improved, and 80 per cent. of payments under our new cinchona contract were made in guilders, so that remittances were not needed.

As regards the Anglo-Dutch Plantations of Java, the chairman, in the course of his speech, said:

chairman, in the course of his speech, said:

As I told you last year, we have contracted, in conjunction with other British producers in Java, to sell our cinchona bark to Messrs. Howards. The price is regulated by that obtained by Dutch producers in their contract. The price obtained has been fairly satisfactory, though not so high as in 1916. A very large part of our 1918 bark was still in stock at the end of 1918. This has been valued at a higher price than in 1917, which makes the profit of 1918 appear higher than it would otherwise do. We have estimated for a crop of 750,345 half-kilos. during this year, and in 1920 we expect 813,531 half-kilos. We have appealed to the referees in conjunction with other companies for a higher percentage than 6 per cent, before the excess-profits tax begins. In obtaining the necessary statistics and facts from different sources for the purpose it was curious to observe the various diversities of treatment. Cinchona, like most other agricultural industries, is not run on fixed lines, and there are improvements, or what are thought to be such, going on from year to year. It is a very interesting industry, and we believe, under the special guidance of Mr. Valette, our cinchona expert, we shall be able to run our estates on the most up-to-date and approved lines. We are planting 253 acres in 1919. Quinine is the one culture in which the war has helped us. In every other culture we have suffered substantial loss far surpassing this gain. Unfortunately, producers of a medicine must benefit by the misfortunes of others, whether by war or epidemics, and if they were not allowed to do so no one would plant it at all.

Exports to the United States.

The American Chamber of Commerce in London is opening an information section through which it hopes to assist British manufacturers to sell their goods in America. The ultimate object is a British-American reciprocal information service, but in view of the present rate of exchange it is proposed for the time to confine the work to ascertaining the market for British goods in America. For the present, too, it is proposed to deal only with proprietary and trade-marked articles. British manufacturers of proprietary or trade-marked goods who have supplies of their goods for export are invited to ask the American Chamber of Commerce for information about the present and prospective demand for them in America.

Trade Report.

42 Cannon Street, E.C. 4, Dec. 4.

A very fair volume of business continues to be done in the chemical and drug markets, and prices generally continue their upward tendency. The fresh break in continue their upward tendency. the sterling exchange on New York, which touched \$3.88 to the £ on Wednesday, substantially affects prices and makes a serious difference in the cost of American produce, so that there will be less inducement to import. At the same time, fewer licences for the importation of embargoed chemicals are being granted, and a "goslow " policy seems to have been initiated by the authorities, probably in view of the Import and Export (Restriction) Bill. This factor, taken in conjunction with the adverse American rate of exchange, has resulted in a further general advance in imported fine chemicals. Amidopyrin and resorcin are scarce and dearer. Tannic acid, guaiacol carbonate, hexamine, milk-sugar, paralde-hyde, and heliotropin have also advanced. Phenol-phthalein, coumarin, phenacetin and lactic acid are among the cheaper products. Quicksilver has had a succession of advances, leaving the market unsettled and nominal. Mercurials are (with one exception) 6d, per lb. higher. Ammon, carb. is 1d. dearer. Menthol and mint oil are still soaring, and slightly higher rates have been paid for Japanese camphor. The control has been removed from quinine, and prices of sulphate for the home trade are substantially 1s. per oz. higher than the former scheduled rates. Bromides are substantially uuchanged, but more freely offered for forward delivery. Opium is in steady demand. Senega, balsams tolu and Peru are again higher in the U.S. Coriander and anise are steady; canary, fenugreek, and linseed are firm, while cumin and fennel are slow. Castor oil is in more inquiry and linseed oil is dearer. Tartaric acid is in good demand, but citric is slow.

Higher	Firmer	Easier	Lower
Ammon, carb. Amyl. acetate Arsenic Camphor (Jp. slabs) Heliotropin Linseed Linseed oil Menthol Milk sugar Mercurials Orange oil Pot. prussiate Quicksilver Resorcin Shellac Soda phosphate Tragacanth Vermilion	Agar-agar Anise oil (star) Colocynth Guaiacol carb, Mint oil (Jp.) Paraldehyde Soda prussiate	Cassia lignea Farina Opium Palm oil Pepper (blk.) Phenol- phthalein Wax, veget. (Jp.)	Acetone Copper sulphate Coumarin Lactic acid Wood oil (Ch.)

Cablegram.

NEW YORK, December 3 .- Business is fair, Senega has advanced a further 20c, per lb. to \$2.00, and another 25c. has been added to balsam Peru, making the price \$4.25c. Balsam tolu is dearer at \$1.60. Stramonium-leaves have advanced to 45c. and jalap to 80c. per lb. Quicksilver is much dearer at \$95.00 per bottle.

ACETONE remains plentiful, and in drums 90%, per ton upwards is quoted.

ACID CALCIUM PHOSPHATE.—Makers quote 80%, per ton

in kegs for prompt delivery

ACONITE.—Japanese is fairly plentiful, and offering at 62s. 6d. per cwt. on the spot. Spanish appears to be unobtainable.

AGAR-AGAR is firmer, sellers asking 3s. 5d. per lb. for

No. 1 Japanese strip, and 3s. 2d. for No. 2 Yokohama.

Ammonia Carbonate.—Makers have advanced their prices by 1d. per lb., the basis quotation being $7\frac{1}{2}d$. for lump, powdered is $7\frac{3}{2}d$., and smaller packages extra.

AMYL ACETATE has substantially advanced of late, 310/ per ton being quoted in drums.

ANISE is steady at 80s. per cwt. for Russian and 87s. 6d.

for Spanish.

Anise Oil, Star, is firmer at from 5s, 10½d, to 6s, per lb, for "Red Ship" brand, which prices have been paid.

ANTIMONY.—While the price of English regulus con ANTIMONY.—White the price of English regulus continues steady quotations for foreign have fluctuated somewhat, c.i.f. purchases having been reported down to about 43l. for this country. The tendency in America has firmed up a little due to the greater difficulty in securing fresh importations from China owing to the recent big rise in silver. Advices regarding smelting and mining in China are worse than ever owing to higher

ARSENIC has advanced again considerably, while it is reported that Grecian arsenic is selling in France at high prices -near 70%, a ton. There is very little offering here for the present, and the demand is good, so that quotations have hardened for best Cornish, which has been sold at upwards of 681, a ton delivered London.

Aspirix is unchanged at from 4s. 3d. to 4s. 9d. per lb., according to quantity. This is one of the products which the Drug Sub-Committee under the Profiteering Act is to inquire into. Profiteering, if any, must be in the retail.

BALSAM PERU.-The New York price has advanced to \$4.75, and on the spot sales have been made at 19s. 3d. Balsam Tolu.—The New York price has advanced to

\$1.60, and on the spot sales have been made at 8s. 6d. per lb.

Benzoic Acid is one of the products for which import permits are only being sparingly granted, or not at all, and the British makers are unfortunately unable to cope with the demand and cannot give prompt delivery in quantity. Spot holders quote 5s. to 5s. 6d. per lb.

BLEACHING-POWDER.—Demand has been much better of late, principally for export, and the quotation is 18% per ton for 35 to 37 per cent.

Bromides appear to be more freely offered to come forward, but the prices in Germany are steadily advancing, and there is a difficulty in getting export licences. Prices are substantially unchanged on spot. potash crystals offering at 4s. 6d. and granular at 4s. 3d. (also at 4s. 3d. c.i.f. to arrive), soda is 3s. 3d. to 3s. 6d. (3s. 4d. c.i.f. to arrive), and ammonia is 3s. 4d. to 3s. 6d. (3s. 6d. c.i.f. to arrive). Arrivals aggregating 120 cases, 42 kegs, and 11 barrels potash have taken place from New York, mostly to Liverpool; also 10 cases sodium. 115 packages of the potash salt have also arrived via Rotterdam to London.

CAMPHOR (REFINED).-Japanese 21-lb. slabs on the spot have been sold at from 198, to 208, per lb., marking a further advance.

CANARY-SEED is quieter, but firm at 215s, per quarter for ordinary and 230s. for good Morocco.

CARAWAY-SEED is slow of sale at about 50s. per cwt. for

fair Dutch on the spot.

Carbolic Acid is very firm and in good demand, principally for export, at $9\frac{1}{2}d$. per lb. for 39° to 40° C. crystals in large bulk packing.

Cassia Lignea is easier, whole selected on the spot

offering at 85s. and broken at 75s. per cwt.

Castor Oil has met more inquiry, principally on export account. English medicinal is still quoted at 99l., and first pressing at 961, per ton in barrels, ex works Hull.

CITRIC ACID is slow of sale at 48, 2d, per lb. CLOVES continue quiet but steady, with small spot sales of fair Zanzibar at 2s. 5d. per lb., and common grades at slightly less. Penang and Amboyna are getting scarce, and up to 3s. 5d. has been paid for the former.

COCAINE.—There is a good export demand for hydro-

chloride, and supplies on the spot are not too plentiful.

Second-hand holders offer at 35s. per oz.

COD-LIVER OIL is substantially unchanged, finest Norwegian medicinal offering at from 475s, to 480s, on the spot, and at from 460s, to 470s, per barrel c.i.f. to come

CORIANDER-SEED is steady at 21s. per cwt. for fair

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COUMARIN is lower than when last quoted, importers | offering at 45s. per lb.

CREAM OF TARTAR continues very scarce on the spot at 260s. per cwt. for 99 to 100 per cent. powder, and at 255s. for 95 per cent. Small arrivals are taking place from Italy, but France has little to offer.

CUMIN-SEED is slow of sale, with sellers at 45s. to 47s. 6d. per cwt. for good sifted Morocco.

DILL-SEED is quoted 19s. per cwt. for ordinary East India, with a little business.

EPSOM SALT has been in good demand of late, and makers are well sold forward. Druggists' quality is quoted

at from 171, 10s. to 181, per ton. Ergor.—The Poeta Querol from Villagarcia brought 34 sacks to Liverpool. Spot (London) sales have been made at from 21s. 6d. to 22s. 6d. per brought 34 sacks to Liverpool. lb., but holders now ask 24s. to 25s.

EUCALYPTUS OIL continues in demand at from 3s. 3d. to 38. 6d. per lb. on the spot, according to eucalyptol

FARINA is easier, with sellers of No. 1 Japanese at 39s. per cwt. on the spot, and January-March shipment at 38s. c.i.f. Sweet on the spot is 33s., and January-March shipment 31s. 6d. c.i.f.

Fennel-seed is quiet at 36s. 6d. per cwt. for ordinary

FENUGREEK-SEED is firm at 16s. per cwt. for fair Morocco.

Ginger.—Jamaica has been in better demand for export to the United States, and rather higher prices have been paid for common grades; fair supplies exist on the spot. Cochin is slow, with a scarcity of good sound rough. Japanese is quoted at 52s. 6d. per cwt.

Glucose.—Small lots of American waterwhite liquid

can be had at from 60s. to 62s. 6d. per cwt.

GLYCEROPHOSPHATES.—The Defiance, from New York, has brought 75 cases sodium and 30 cases calcium.

GUAIACOL CARBONATE is about 1s. per lb. higher, importers asking 29s. to 30s. as to quantity. Liquid guaiacol is 35s. per lb.

Heliotropin.-Spot sales have been made at the higher

rate of 30s. per lb.

Hemp-seed.—Adequate stocks of satisfactory quality now exist on the spot.

HEXAMINE remains firm on the spot at 9s. per lb., and

to arrive 8s. 6d. c.i.f. is quoted.

Honey remains firm, darkish to reddish liquid Jamaica selling at from 80s. to 87s. 6d, per cwt.; and for pale set from 90s. to 95s. is quoted. Australian is quoted at from 72s. 6d. to 75s., and in Liverpool, Chilian is selling at from 82s. 6d. to 91s. 6d., the latter for the pile 1. A good business has been done in London.

Hypophosphites.—There appears to have been some cutting in the price of imported calcium, but the British makers' price is unchanged at 3s. 11d., while they quote

sodium at 4s. 5d. and potash at 6s. 6d. per lb.

INSECT-FLOWERS are inquired for, but there is a spot scarcity of both Dalmatian and Japanese; the former can be had at 310s, per cwt. in limited quantities.

IPECACUANHA remains firm, and up to 14s. 3d. per lb. has been paid for good stout Matto Grosso quality, with

14s. 6d. asked.

Kola.-From January 1 next a duty of 4s. 8d. per cwt. is to be placed on kola exported from Sierra Leone. the spot there is a fair demand, holders of fair bright Jamaica halves asking $7\frac{1}{2}d$. per lb., and for African quarters $6\frac{1}{2}d$. is asked in Liverpool.

Lactic Acid.—Technical quality (50 per cent. vol.) is rather lower, offering at 72% per ton in barrels.

LEAD ACETATE is a trifle firmer, makers offering 99 to

100 per cent. crystals in casks at 84l. per ton.

Lead Oxide.—Although prices were recently raised considerably, chiefly in consequence of the boom in piglead, which is still soaring, it is possible that further revisions will ensue. For one thing the demand for red lead and litharge has materially increased, and is much in excess of the supply. White lead has fully shared in the upward movement, while the cost of linseed oil has again risen several pounds a ton. Current prices are thus: Red lead and litharge, 52%, to 49%, 108., according to quantity;

dry white lead, 56l.; and white lead in oil, 67l. 5s., both for the home trade and export. Manufacturers' operations are somewhat backward on account of labour shortcomings.

LINSEED is firm at 52s. per cwt. for good quality on the

MENTHOL shows an advance aggregating 5s. per lb. on the week, spot sales having been made at from 60s. to 66s. per lb. for Kobayashi-Suzuki and buyers.

MERCURIALS have been advanced 6d. per lb., but in view of the unsettled market for quicksilver prices are not firm. The list price of calomel (hyd. subchlor.) is about 7s., red oxide (hyd. oxid. rub.) 7s. 10d., and white precipitate (hyd. ammon.) 7s. 5d. per lb.

MILK-SUGAR.—Finest Dutch is dearer at from 2158.

to 220s. per cwt. on the spot, as to quantity.

MINT OIL.—Japanese dementholised is firmer, with spot sales of Kobayashi-Suzuki at from 16s. 3d. to 16s. 6d. per lb.—an advance of 3d. Prices are, however, fluctuating, and on Wednesday 16s. was paid.

NUTMEGS remain firm, and until further consignments

of West Indian are available no decided alteration is

looked for.

Oils (Fixed).—Linseed is a strong and dearer market at 103l. 10s. per ton, naked on the spot, and Hull is 99l. naked. Coconut is steady at 99l. for Ceylon afloat, and Cochin in casks is 110l. Rape-seed is unaltered at 100s. for crude and 105s, for refined. Cottonseed is firm at 97l. 10s. for crude, and at 110l. net, naked ex mill, for edible. Lagos Palm is 86s. and softs 85l. 10s. per ton in Liverpool. Chinese Wood has been sold at fluctuating rates, closing at 121/. on the spot, and at 117/. per ton, c.i.f.

OPIUM has met with a steady demand on the spot at practically unchanged rates of from 19s. 6d. to 20s. per lb. for Turkish 12 per cent. The United States has lately exported considerable quantities of opium and morphine

A Smyrna advice, dated November 15, states that the sales this week amount to 58 cases at from 16s. to 20s. per lb. c.i.f. port of destination. Some of the above goods, per lb. c.1.f. port of destination. Some of the above goods, which changed hands at 20s., being pure unadulterated gum, bright colour and soft elastic paste, have given on analysis over 14 per cent. anhydrous morphine. This class of opium we recommend as cheaper than druggist manufacturing qualities owing to its superior morphine strength. Exchange for sterling and dollars is stationary at Ps.335 per pound sterling and \$1.25 per one Turkish paper pound. The arrivals are 970 cases, against 67 at same date last year.

PARALDEHYDE is firmer, importers quoting 6s. 6d. to 7s.

per lb. and 6s. c.i.f. to arrive.

PEPPER has been dull and easier, tut closes steadier, with spot sales of fair black Singapore at 10d. to $10\frac{1}{2}d$. January-March shipment has been sold at 10d to $10\frac{1}{2}d$. c.i.f. London. Tellicherry has been sold at 1s. $1\frac{1}{2}d$., and spot sales of Aleppy have been made at $10\frac{1}{2}d$. White Singapore is unchanged, with spot sellers at 1s. 5d. and December-January shipment 1s. 4d. c.i.f. London. Muntok has been sold at 18. $5\frac{3}{4}d$. spot, and October-December shipment at 1s. 4d. c.i.f.

PHENACETIN continues steady with spot sellers at 14s. to

14s. 6d. per lb., as to quantity.

PHENAZONE is in good demand, with the makers not freely offering, as they have sufficient orders in hand. Spot holders quote 23s, to 24s, per lb., as to quantity. America (November 13) quotes a firm and higher market at \$5.50 to \$5.60, which is much above the London parity.

Phenolphthalein is slightly easier again, spot offering

at 13s. and to arrive at 12s. 6d. per lb. c.i.f.

PIMENTO is steady with small spot sales at 5\(^3d\) per lb. POTASH PRUSSIATE is dearer, yellow for spot delivery offering at from 1s. 11d. to 2s. 1d. per lb., according to

quantity.

Quicksilver.—A succession of advances has taken place, and the market is quite unsettled and nominal. Last week the leading importer's price closed at 201., and on Tuesday it stood at 22l, but again on Wednesday it was advanced 23l, to 23l, 10s, the quotation being nominal. The sus-231. to 231. 10s., the quotation being nominal. tained demand from the home trade, as well as export, together with the small stocks, is responsible for the higher prices, but from second hands there are sellers at

slightly below the leading importer's quotation. The price in America has advanced to \$95 per bottle, which is

still above the London parity.

QUININE.—The Government control has been abolished. with the consequence that distributors to the home trade ask an advance of about 1s. per oz. on the late scheduled prices of sulphate, they quoting 3s. 11d. to 4s. per oz., at which figures fair supplies appear available for bona-fide consumption by retailers. however, have little or no stock, and a concerted effort appears to be made to keep supplies out of their hands. also those of speculators. Makers say they are unable to offer. Second-hand quotation is of a nominal character at about 58. 3d. to 58. 6d. per oz., and it is difficult to say at what price an export order could be filled at. According to the London drug statistics, the landings during November were 498,992 oz., and the deliveries 344,400 oz., leaving a stock on November 30 of 324,224 oz., against 220,980 oz. in 1918.

RESORCIN remains extremely scarce for prompt delivery, and spot holders are asking up to 40s, per lb, for a limited quantity. It can be obtained from France at about 22s. per lb., but import licences have been refused to regular importers. Moreover, the introspective questions asked by the Central Importing Agency and the possibility of leakage of information given to the Agency acts as a deterrent to importers applying for licences.

Rhapontica-root.—Chinese is slow of sale at from

1s. 4d. to 1s. 5d. per lb.

Rhubarb is well maintained, holders asking 12s. per lb. for medium to bold round Shensi and 11s. for Canton. Sixty five cases rhubarb have arrived from Shaughai.

SACCHARIN,-American pure (550) is firm, with small sales at from 22s. to 22s. 6d. per lb. in bond, and 23s. 6d. is asked.

Salicylates .- The demand for salicylic acid has improved, and English makers are heavily engaged B.P. powder is quoted at from 2s. 6d. to 2s. 9d. per lb., according to quantity. Salicylate of soda is, if anything the turn higher at from 3s. 6d. to 3s. 8d. per lb. for B.P. powder.

Salor is firm at 5s. 3d. per lb. for crystals, but for small lots a slight advance on this figure would have to be paid.

SARSAPARILLA.—A number of shipments of Mexican which arrived in New York have been rejected owing to the fact that they are not true sarsaparilla and the shipper is not a reliable one.

SENEGA.—Eighteen bales have arrived and further lots are on the way, which should help to relieve the spot scarcity somewhat. Our New York cable notifies an advance to \$2.00 per lb. On the spot sales have been made at 10s. 6d. per lb., and for a parcel affoat 10s. 3d. is quoted, but in view of the congestion at the docks. which is worse than ever, this may not be available for six weeks.

SENNA.-Arrivals of Tinnevelly continue small, and prices are well maintained, ordinary dull mixed selling at from 7d. to 7½d. per lb., and middling at 9d. Pods are selling at from 5d. to 5½d. for ordinary dark to good. Alexandrian leaf is dull at 1s. 10d., and good green pods are obtainable at from 1s. 4d. to 1s. 5d.

Shellac.—At the close of last week the spot market descal assign with sales of the usual struderd. Orange

closed easier, with sales of the usual standard Orange TN quality at 570s, and fine Orange at 580s., but a recovery subsequently took place, and this week IN sold at from \$75s. to 580s., fine orange at 610s. to 620s., and cakey AC Garnet at 460s. The sales for delivery include: December at 560s., March 560s. to 587s. 6d., and May 555s. to 570s. To arrive, T.N. for November-December shipment is 570s. c.i.f.

SODA HYPOSULPHITE is steady at 261. per ton for pea,

and at 21l. for commercial crystals.

Soda Phosphate has been in improved demand, and the price has advanced to 371, per ton for commercial crystals.

Soda Prussiate is very searce on the spot, and the price has advanced to 1s. 1d. to 1s. 1½d. per lb.

SQUILL.—Good creamy white quality is scarce, holders asking 75s. per cwt. for spot supplies.

TANNIC ACID remains very firm at 10s. 6d. per lb. for

Tartaric Acid is steady at 3s. 3d. per lb.; demand has improved this week and a good business has been done.

TRAGACANTH.-Fine white druggists' quality has been absent from the market for some time past, stocks having been practically cleared, and anything offering would command a fancy price. Hog descriptions are dearer.

TURPENTINE shows little change on balance, American

closing at 126s, 6d, per cwt. on the spot.

Uva-Ursi leaves are offered at about 80s, per cwt. for good green, and for quantity rather less would be

VERMILION .- English makers have twice advanced their prices, following on the rise in quicksilver. They now quote from 6s. 9d. to 6s. 10d. per lb. net, according to quantity.

WAX, VEGETABLE.—Japanese is easier, with spot sales at 91s. 6d. per cwt.

German Drug and Chemical Markets.

We have already quoted in previous issues of the C. & D. the market reports issued by one of the leading wholesafe druggists of Hamburg, and this week we are able to publish extracts from a circular sent out by another firm of importers and exporters in Hamburg. This report begins with a statement to the effect that in view of the great variations in prices to which all drugs are now subject, it is practically impossible to issue a list of prices which really is practically impossible to issue a list of prices which really hold good. The hoped-for improvement in the value of the German currency has not materialised; on the contrary, it has further depreciated, leading to a series of important increases in prices. In very many instances the demand was far in excess of the stocks available, and in part this is far in excess of the stocks available, and in part this is due to a not inconsiderable speculation in drugs by persons totally unconnected with the trade, and in part to the successful closure of the "Hole in the West"—[i.c., the snuggling of goods from the occupied parts of Germany into unoccupied Germany without paying the German Customs duty.—Entron! The catastrophic position of the German currency will bring in its train further increases in prices. This firm has succeeded in already obtaining a supply of important drugs, some of which have been imported directly from overseas, and others obtained as a result of their former connections in England. Prices quoted in marks, for 1 kilo., where not otherwise stated.

AGAR-AGAR.—Large orders have cleared the small stocks which were available. Single bales of first quality in strips are offered at m.57 per kg., cash, ex station in unoccupied Germany. Supplies lying abroad would command too high a price if imported now, in consequence of the adverse rate of exchange.

exchange.

BAISAM PERU.—We are able to offer a small amount of Ph. G.V. quality at in.160. The English price for the same quality is 19s. per lb., equal to in.300.

CAMPHOR.—The demand is very great. The first supply

CAMPHOR.—The demand is very great. The first supply of Japanese slabs is expected to arrive in December—a few cases of about 45 kg. net content. Owing to the depreciated currency the price will be m.350 per kilo.

CASCARA SAGRADA.—Owing to the high prices now ruling in England the German market is following suit, and orders cannot be filled under m.12.75 gross for net.

DILL-SEED.—First quality German is m.400 per 100 kilos.; a consignment of 500 kilos, was expected in Hamburg during November.

November.

FENUGREER.—A few tons are expected to arrive shortly. Good commercial quality is offered at m.450 per 100 kilos, in quantities, and powdered m.490 per 100 kg. gross for net. GALANGAL.—The first supply to arrive from England will

fetch m.22 gross for net.

JUNIPER-BERRIES.—First quality Italian for prompt de-livery are m.425 per 100 kilos. A consignment is expected to arrive in December or January, which is offered in quantities of at least 1,000 kilos, at m.375 per 100 kilos, ex Hamburg.

MENTHOL.—The increase in price which has taken place on the English and American markets has induced specuon the English and American markets has induced speculators in Hamburg to pay even greater attention to this article, always their favourite for this purpose. These people have succeeded in raising the price to m.650. The collapse, which is eventually bound to take place, will be an interesting event. RECRIST. (Ph. G.V.) has naturally followed the course of the speculation, but is still obtainable at m.675 on a firm order. at m.675 on a firm order.

Myrr.—At last it has been possible to satisfy to some extent the great demand, and now only small stocks are available. Fine grades, free from sand and dirt, are offered

at m.100, and sieve residues at m.95.

SENEGA.—The shipment expected shortly from England, of about 200 to 300 kilos., is offered at m.175 per kilo. net.

SODIUM BENZOATE.—Commercial, for foodstuffs, is quoted at m.29 to m.30 net, according to quantity.

Arrivals of Drugs, Chemicals, and Allied Produce.

The following arrivals have taken place at the ports named:

London

(November 10 to 17). (November 100 11).
Oils, fixed: coconut,
(Cey.) 284 pkgs.,
(Aust.) 301 cks.,
(Jp.) 20 cks. 1,47
cs., (E.l.) 2,975 es.
760 × ½ cs., (R'dam.)
550 brls.; eod,
(Norw.) 23 brls.,
(T.S.) 500 brls.; (Norw.) 23 pris. (In.), 20 (U.S.) 500 brls.; cottonseed (Jp.), 22 cks, fish (Jp.), 835 cs.; ground-nut, (E.1.) 2,419 brls, (Ch.) 500 cs.; lin (Amst.), 287 cks.; dive (Pr.), 315 cs. 771 cks.; soya bean, (Jp.) 2,600 cs., (Ch.) 78 cks.; shark (Jp.) 2,1200 cs.; sperm 1,200 es.; sperm (Jp.), 600 cs.; tea (Ch.), 400 cs.; whale, (W.1.) 117 brls., (W.1.) 117 (N.Z.) 200 cks. Perfumery, (Belg.) 17 pkgs., (Fr.) 10 cs. Seeds: ajowan (B'bay),

50 bgs.; almonds 3,463 bgs. 150 serons 5,465 bgs. 150 serons; caraway (Holl.), 500 bgs. 295 bls.; copra, (E.I.) 2,000 bgs. 9,328 pkgs., (Ch.) 334 bgs., (Aust.) 11,817 bgs., (E. Af.) 4,179 bgs.; corossos (Fr.), 194 bs.; corton. bgs.; corossos (Fr.), 194 bgs.; cotton, (Aust.) 1,457 bgs., (E. Af.) 1,975 bgs., (E.1.) 7,997 bgs.; dill (B'bay), 50 bgs.; fenugreek (Fr.), 25 bgs.; ground-nuts (E.L.), 256 bgs.; ground-nuts (E.L.), 256 bgs.; kurdi (B'bay), 537 bgs.; lin, (Jp.) 211 bgs., (E.L.) 1,500 lgs.; bgs.; mustard (Denm.), 150 bgs.; soya (Jp.), 168 bgs. Soy (Ch.), 50 cs. Starches, etc.: not de-

tarcnes, etc. . Resolved scribed (Jp.), 334 bgs.; farina (Jp.), 3,288 bgs.; rice (Jp.), 200 bgs.; (Jp.), 200 bgs.; wheat (Jp.), 400 bgs. Vanilla (N.Z.), 77 cs. Wax, not described, (Port.) 41 pkgs., (Denm.) 70 bgs.

Wax, paraffin, (U.S.) 1,361 brls. 840 bgs., (E.I.) 3,200 bgs.; (scale), 870 brls.

Livernool

(November 10 to 15). Bismuth orc (S. Amer.), 16 sks. Carbou, black (U.S.), 150 cs. Chemical products,

etc.: not described. (Can.) 13 pkgs., (Fr.) 23 cs.
Ammon. sulph. (Can.), 1,833 bgs.

London

(November 18 to 24).

Alcohol (Can.), 126

drms.
Alcohol, wood (Can.),
113 drms,
Barytes, (Sp.) 800 bgs.,
(Belg.) 600 bgs.
Casein (Aust.), 760 bgs.

mical products:
(R'dam) 9 cs.,
(Belg.) 15 cs.,(Fr.)

26 pkgs. 16 cs. Argol (lt.), 184 bgs. Arsenic (Holl.), 50 brls. 38 cks.

drms.

Chemical

Calc. borate (S. Amer.), 1,962 bgs. Calc. tart. (Sp.), 173 bos. Oxalic acid (Holl.),

41 brls. 13 eks.
Soda nit. (Chile),
10,214 eks.
Drugs, erude, etc.:
(Fr.) 95 cs.
Cascara (Can.), 138

sks. Cinchona, (Jv.) 1,108

bls., (Cochin) 14 bls. Gentian (Fr.), 15 bls. Kola (W. Af.), 1,001

bgs. Liquorice-root (Fr.),

18 bls. Musk (Fr.), 1 ck. Quillaia (Chile), 274 bls. Sage (Fr.), 14 bls.

Dyes, dyeing aud tanning materials, etc.: chestnut ext. (U.S.), 784 sks. 5,102 brls.; cochineal(Canar. ls.), cochineal(Uanar, Is.), 18 bgs.; cutch (E.I.), 16 bgs.; extract, tanning, (U.S.) 2,795 bgs. 7,466 brls., (Fr.) 434 cks.; gambier (Jv.), 1,870 cs.; myrobalans (E.I.), 1,593 bgs.; yellow berries (Beyrout), 65 bgs.

Glucose (Cau.), 740 brls Glycerin (S. Amer.), 10 drms.

Gums, resins, etc. : not described, (Alex.)
described, (Alex.)
482 bgs., (Syria) 98
bgs.; copal (Jv.),
523 bskts.; damar
(Jv.), 400 cs.; resin,
(Fr.) 402 cks., (U.S.) 700 brls.

Honey (Calif.), 220 es Lithopone (Amst.), 88 cks Magnesite (Can.), 1,600

bgs. ils, essential: described (Fr.), 48 cs.; lemon-grass

(Cochin), 55 cs. Oils, fixed: coconut (E.1.), 657 pps. 840 cks. 93 hhds.; olive, (Fr.) 13 cs., (Sp.) 549 cs. 195 brls.; palm (W. Af.) 2,476 cks. 138 brls.; perfumery (Fr.), 53 cs.

Pepper (E.1.), 2,000

almonds, 200 Seeds: eeds: almonds, 200 cs. 60 bgs. 5,109 pkgs. 40 bls.; annatto (Jv.), 125 bgs.; eanary (Sp.), 30 eanary (Sp.), 30 sks.; caraway(Holl.), sks.; caraway(Hoil.),
40 bgs.; copra, (W.
Af.) 245 bgs., (Jv.)
1,105 bgs.; cotton,
(Alex.) 400 tons,
(E.l.) 3,926 bgs.;
cumin (Malta), 50

Bromides: potash (Holl.), 12 cks. 34

cs. Calc. carbide (Odda), 8,385 drms.

(R'dam), 120 drms

(R dain), 120 drins.
Potash salts (kainit)
(Holl.), 1,150 bgs.
Tartar, (Sp.) 4 brls.,
(It.) 40 cks., (Fr.)
20 brls. 181 sks.

Zinc oxide, (Aust.) 73 cks., (N.Y.) 200

Dextrin (Holl.), 77 bls. Drugs, erude, etc.: (S. Amer.), 3 cs.

Potash,

bgs.; ground-nuts, (Jv.) 2,202 bgs. 504 bls., (Fr.) 164 sks.; palm kernels (W. Af.), 32,721 bgs. 22,975 sks.; rape (E.1.), 5,969 bgs.; sesame (Alex.), 265 bgs. bgs.

Tale (Fr.), 4,576 bgs. Wax, bees' (Holl.), 10 bls. Wax, candelilla (U.S.),

19 sks. Wax, paraffin (U.S.), 683 bgs.

Hull

(November 10 to 14). Barytes, (Holl.) 41 cks., (Belg.) 6 brls. 97 bgs.; convallaria (R'dam), convallaria (R'dam), 5 cs.; Datch drops (Holl.), 16 cs.; honey (N.Z.), 302 cks.; palm oil (W. Af.), 778 brls.; seeds: caraway (Holl.), 40 bgs.; castor (W. Af.), 1.094 sks.; eotton, (E.1.) 73,480 bgs., (Alex) 1,451 tons; jamba (E.1.), 32,768 bgs.; lin, (R. Plate) 131,537 bgs., (E.1.) 3,903 bgs.; palm (W. Af.), 9,382 sks. 7,662 bgs.; soda caustic (R'dam), 154 drms.; tartaric acid, (Finland) 58 brls. 9 cs., (1t.) 98 c ks.; whale oil (N.Z.), 120 cks.

Manchester

(November 10 to 12) (November 10 to 12).

Aniline dyes (Antw.),
58 brls.; anthracene
(Fr.), 100 bgs.; caraway seed (Holl.),
375 bls.; magnesite (Holl.), 63
pkgs.; magnesium
(Can.), 10 dms.;
resin (U.S.), 500 brls.;
taunic acid (Can.), 30
brls.; tartaric acid tanne acid (Can.), 50 brls.; tartaric acid (R'dam), 24 crts.; wax, paraffin (U.S.), 2,289 brls.; zinc oxide (Antw.), 160 brls. bris.

Southampton

(November 11 to 14), Bichromates (Natal), 17 cs.; drugs (Fr.), 8 cs.; essent. oils aud perf. (Fr.), 48 cs.; extract, tanning(Fr.) extract, tanning (Fr.), 14 es. perpermint oil (Fr.), 50 cs.; per-fumery (Fr.), 13 cs.; wattle bark, (Natal) 4,407 bls., (ext.), 3,913 bgs.; wax, not described, (Fr.), 13 bgs. (Natal) 34 pkgs.

Areca, (B'bay) 401 bgs., (Cey.) 320 pkgs. Balsams (S. Amer.),

24 bxs. Balsam tolu (N.Y.), 25 cs. Calumba (E.l.), 111

jottas, 30 bgs. Cardamoms, (B'bay) 85 bgs.; (seed) 50 cks.

Cascara (U.S.), 916 bls. Cinchona (Amst.), 49

Cod-liver oil (Norw.), 90 brls.

Cuttlefish-bone(E.1.), 333 pkgs. 9 cs. Galls (B'bay), 138 bgs.

Gentian (Fr.), 21 bls. Kola (W.1.), 12 bgs. Liquorice (1t.), 121 Marjoram (U.S.), 17

Menthol (R'dam), 20

cs, Myrrh (B'bay), 59 bgs. 43 pkgs. Opium, (Smyr.) 45 cs., (B'bay) 1 cs. 6 pcls.

Papain (Cey.), 17 pkgs. Quillaia (N.Y.), 839 pkgs. Sarsaparilla (W.1.), 72 bls.

Senega (U.S.), 36 bls Tamarinds(E.1.), 300 bdls., (W.1.) 50 brls

Turmeric (E.1.), 593

Turmeric (E.1.), 593
bgs,
Drugs, medicines, etc.:
(N.Y.), 790 cs.;
emulsions (U.S.),
2,820 bxs.; malt
ext. (N.Y.), 400 cs.
Dyes, dyeing and tanning materials, ctc.:
aniline (Belg.), 94
pkgs.; anthraceue,
(Fr.) 100 bcs. (Belg.)

pkgs.; anthraceue, (Fr.) 100 bgs., (Belg.) 20 cks.; cochineal (Canar. Is.), 20 bgs.; hematin (N.Y.), hematin (N.Y.), 8 brls.; logwood ext. (N.Y.), 5 brls.; mangrove (Madagasc.) (root), 1,867 bls.; (bark), 15,376 bls.; (Gark), 15,376 bis.; myrabolans (E.l.), 10,914 pockets 3,547 pkgs.; sumac (It.), 1,050 bgs.; valonea (Smyr.), 100 tons, 916 bgs.; wattle bark (Cape), 20,252

bls.
Egg products: yolk
and albumen (Ch.), 100 pkgs.; yolk, 72 eks.

Gelatine (Fr.), 44 bls. Glucose (N.Y.), 600 brls. 1,499 cs.

bris 1,499 cs.
Gums, resins, etc.: not described, (B'bay)
113 pkgs. 273 bgs.,
(Fr.) 1,163 bgs.; copal, (B'bay) 9
pkgs., (S'pore) 1,330
cs.; danar (S.S.)
100 cs.; lac: (Cal.),
(seed) 277 bgs.,(shell)
1,053 bgs.; cilbanum
(B'bay), 100 bgs.;
resin (Fr.), 565 cks.;
tragacanth (B'bay),
31 pkgs.

31 pkgs. Honey (W.1.), 60 cks. Isinglass (E.1.), 34 cs. 5 cks.

Lead, white, (Belg.) 304 kgs., (N.Y.) 181 cks.,

(Can.) 109 cks. (Can.) 109 cks. Lime-juice (W.l.), 29 5 hhds. 7 cks. Lithopone (U.S.), 200

brls. Magnesite (R'dam), 458 pkgs. Magnesium (Amst.), 22

Magnesium (Amst.), 22 cks.
Magnesium (Amst.), 21 cs.
Mineral white (Norw.),
302 sks.
Molasses (W.1.), 1,000 bris. 1,000 cks.
Oils, essential: eucalyptus (Aust.), 100
cs.; otto (Smyr.), 1
cs.; turpentine (Fr.),
400 cks.
Oils, fixed: not described (R'dam), 400
bris.; coconut (E.1.),
10,640 cs. 1,317 × ½
cs.,(Holl.) 1,333 bris.,
(Aust.) 1,000 cks.,
hardened (Holl.), 212

brls.; olive, (It.) 90 bils., olive, (ft.) 90 kilos., (Fr.) 21 cks.; palm, (W. Af.) 237 eks., (Fr.) 240 kgs.; rubberseed (S.S.), 10 brls.; whale (N.Z.), 100 cks. Perfumery (Fr.), 14 cs. whale (N.Z.),

Seeds: almonds, 250 bgs. 134 sks.; ajowan (E.1.), 25 ajowan (E.l.), 25 bgs.; annato(W.l.), 100 bgs.; earaway (Holl.), 25 bgs.; cashew (E.l.), 615 cs.; cotton, (E.l.) 1,600 bgs., (Aust.) 5,000 bgs., (W.l.) 2,273 bgs., (Aust.) 2,100 bgs.; copra 2,273 bgs., (Aust.) 2,100 bgs.; copra (Aust.) 35,455 bgs., (S.S.) 34,441 bgs., (W. Af.) 2,683 sks. 912 bgs.; coriander (Fr.), 624 bgs.; dill (E.I.), 20 bgs.; lilipe (S'pore), 2,171 bgs.; nillet (U.S.), 173 sks.; palm kernels, (W. Af.) 2,148 pkgs. 1,047 sks., (Fr.) 1,713 1,047 sks., (Fr.)1,713

sks. Spices: cassia tom, 700 bxs.; cinna-mon, (Cey.) 905 okgs., (Antw.) 100 pkgs., (Antw.) 100 bls.; cloves (B'bay), 1,875 bdls.; ginger (B'bay), 1,006 bskts. 815 bgs. 100 bdls.; nutmegs, (B'bay) 31 nutmers, (B'bay) 31 cs., (S'pore) 800 cs., (R'dam) 207 cs.; pepper, (E.1.) 373 bgs., (U.S.) 1,93 bgs., (S.S.) 10,271 bgs.; pimento (W.L.), 1,175 bgs. Sponges (Smyr.), 40 bgs. 473 cs.
Talc (U.S.), 300 bgs. Vanilla (Fr.), 11 cs. Wax, bees', (E.1.) 104 sks. 98 bgs. 200 bdis., (Aden) 21 bls. Wax, paraffin (U.S.), 1,569 brls. 755 bgs.

Liverpool

(November 17 to 22). Alcohol, wood (U.S.), 50 drms.

Antimony ore (Aust.), 14,110 bgs.

14,110 bgs.
Barytes, (Antw.) 340 bgs., (Sp.) 1,200 bgs.
Casein (Aust.), 114 bgs.
Chemical products, etc.
Argol (It.), 203 cks.
Arserie, (B'dam) 40 eks., (Port.) 40 brls.
Cale. acet. (U.S.), 3,268 bgs.
Cale. borate (Chile).

Calc. borate (Chile), 6,827 bgs. Potash, eaustic

Potash, eaustic (R'dam), 75 drms. Potash salts(R'dam), 2.525 bgs.

Soda acet. (N.Y.), 145 brls. Soda nitr. (Chile), 20,794 bgs.

Tartar, (1t.) 24 kgs., (Sp.) 131 brls., (Sic.) 15 cks. Tartaric acid (Sp.), 200 brls. Ciunamon (Cey.), 366

Dextrin (U.S.), 3,318 bgs.
Drugs, crude, etc.:
Areca (Cey.), 272
bgs.

damons (Cey.),

91 cs. Cassia fistula(Amst.), 19 bskts. Cinchona (Paita), 133 bls. Kola (W. Af.), 588

bgs.

iquorice paste (Smyr.), 453 cs. Liquorice

(Smyr.), 455 cs. Drugs, medicines, etc.; (U.S.), 28 cs. Dyes, dyeing and tauning materials, etc.; chestnut ext., (It.) 200 cs. 50 cks. 600 brls., (U.S.) 648 brls.; cochineal(Canar. Is.), 55 bre.; dyeared 55 bgs.; dyewood ext. (U.S.), 50 brls.; ext. (U.S.), 50 BTIS.; extract, tanning (U.S.), 200 brls. 83 bgs.; fustic (U.S.), 25 brls.; myrabolans (E.I.), 12,005 pkgs. 1,240 bgs.; (ext.), 820 bgs.; (ext.), 820 bgs.; valonea(Smyr.),4,015 bgs. 1,192 cwt. Glucose (U.S.), 1,600

brls. Mineral white (It.), 3,100 bgs.
Oils, essential: berga-

mot (Sic.), 12 > turpentine cs.; turper (U.S.), 25 drms. fixed: eastor

ils, fixed: eastor (lt.), 100 brls.; coco-nut (acid) (U.S.), 1,785 brls.; olive (lt.), 20 cs.; palm (W. Af.), 2,782 cks.; soya bean (U.S.), 500 brls.

brls,
Resin, (Port.) 83 brls.,
(Sp.) 1,512 brls.
Seeds: almonds, 400
bxs, 810 brs. 303
cs.; copra, (W. Af.)
85 bgs., (S. Amer.) 67
bgs.; cotton, (S.
Amer.) 52,938 bgs.,
(E.1.) 11,396 bgs.;
groundnuts (W. Af.),
31 bcs.: lin (E.1.) groundnuts (W. Af.), 31 bgs.; lin, (E.I.) 2,728 bgs., (Tky.) 100 bgs.; palm ker-nels (W. Af.), 32,528 bgs.; sesame (Ch.), 29 bgs.

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Wax, paraffin (U.S.), 300 brls. 59 bgs.; (scale). 1,215 brls.

Zinc white (Aust.), 400 bgs.

Folkestone

(November 17 to 21). Chemicals (Fr.), 28 pkgs.; drugs (Fr.) 6 pkgs.; drys (Fr.) 3 pkgs.; farina(Fr.), 175 pkgs. 710 bgs.; perfumery (Fr.), 15 pkgs.

Grimsby

(November 15 to 20) Dyes (Antw.), 573 pkgs. 52 eks.; potash salts (kainit) (R'dam), 100 tons

Hull

Hull
(November 15 to 21).
Albumen (It.), 6 cs.; calc. carb. (It.), 120 bgs.; eucalyptus oil (Aust.), 1,226 cs.; herbs (R'dam), 19 bgs.; lithopone (R'dam), 20 cks.; magnesite (Norw.), 204 bgs.; manna (Sic.), 2 × ½ cs.; oxalic acid (Norw.), 12 cks.; resin (Fr.), 65 cks.

65 cks. Seeds: almonds (Sic.), 20 es.; cotton (E.1.), 82,977 bgs.; dari 82,977 bgs.; dari (Smyr.), 1,090 bgs.; jamba (E.I.), 6,853 bgs.; lin, (R. Plate) 62,216 bgs., (E.I.) 8,190 bgs.; millet (It.), 25 bgs.; rape (E.I.), 17,024 bgs.; sumac (Sic.), 950 bgs.; tartar (It.), 8 brls. 10 cks.; tar-taric acid (Fr.), 5 cks.

Index Folio 1422



Lead in Cream of Tartar.

SIR, -As a pharmacist I have read with considerable interest the reports of the case of a recent prosecution in Glasgow turning upon the lead content of cream of tartar (U. & D., November 22, p. 52, and November 29, p. 74). So far as I am able to understand it, the judgment admits that: (1) Contamination is not necessarily to be viewed as adulteration; and (2) that such contamination, being within the bounds held to be adulteration, may occur up to any limit short of one which might result in harm accruing to the consumer or user. If this interpretation is correct, we have a clear case stated for the production of low-grade articles-as low as can be tolerated—and this must logically apply in directions other than those connected with lead. There may be a great deal to be said for these minute quantities of lead being harmless, especially when one hears that a patient may be given 1 grain per day for forty-eight days, but the argument does not stop where the case left it. Why should 0.004 per cent. be fixed as the limit? Could the body distinguish between 0.004 per cent. and 0.008 per If it could not, then the limit should surely be cent.? still further raised, for a specimen containing 99 per cent. of bitartrate of potash and 80 or 100 parts per million of lead, on the above showing, could not be considered adulterated, and would have to rest upon further medical evidence as to its being an injurious preparation. If this idea of permissible contamination up to a limit of harmful effect is to be taken as a standard of argument, it reduces the maintenance of pharmacopæial standards to an absurdity. If it is permissible for the grocer to sell an article for everyday consumption, through the medium of oue's food, where is the reason of demanding from the chemist a much superior article for occasional consumption in a draught of medicine? if 0.004 per cent. of lead is a standard good enough for cream of tartar, why should it not be equally good for Glauber's salt? The answer is that behind the British Pharmacopœia has been the idea of maintaining a high standard of manufacture-the standard of the best makers -as opposed to recognising the lowest quality that can be used with safety. The incompatibility of these two be used with safety. points of view must be obvious, and one would imagine the natural corollary of this judgment to be that public analysts and others must put a very liberal interpretation upon the demands of the Pharmacopæia so far as it concerns impurities which do not affect the minimum percentage strength of the drug. Since this case is in direct conflict with the recommendations given under the auspices of the Local Government Board, and since the evidence for and against seemed equally divided, I suggest that some more definite official action should be taken in regard to these food and drug standards. It would be a great relief to the chemist to know the precise conditions under which he would have the privileges of the grocer-or the penalties of the druggist.

Yours faithfully, PHARMACEUTICAL CHEMIST. (110/74.)

Prescription Pricing.

SIR,—I desire to enter a protest against Xrayser II.'s comments on the matter of pricing prescriptions, under the Profiteering Act (C. & D., November 29, p. 79). Is he aware that the Tribunals can, and do, demand the production of the invoices relating to the cost of any article, whether it be part of a mixture or a pair of boots? I have had the opportunity of discussing this point with two chemists both of whom have had probably greater practical experience of Tribunals than any other two chemists in the South of England, and they bear out this view. As one of them put it to me, anyone who prices a prescription ought to have in his head a very clear idea of what he is doing—so much for drugs, so much container,

so much services-and be prepared to substantiate same with figures before a Tribunal. Any such method as "This is a 6-oz mixture, 1s. 9d.," would lead to serious trouble, and perhaps to disaster. It is absolutely nothing to us. so far as the Profiteering Act goes, what the doctor and the patient think; it is the Tribunal we have to consider, and the suggestion that the Tribunal would think we were evading the Act is, in my opinion, absolutely I have attended several meetings of different Tribunals; in all cases they want invoices. One case concerning our trade was adjourned for the production of the actual invoice, and in the case at Surbiton, referring to the dispensing of a resorcin lotion, Mr. Higgs, who defended, was furnished with a set of figures which would have done honour to an accountant. Every separate item was calculated out to decimal places, pre-war prices, during-the-war prices, and after-the-war prices, and lists and invoices were ready for any point that was likely to be raised. There is at least one Tribunal of which havo personal knowledge as a spectator, the chairman of which would unceremoniously snuff out any unfortunate chemist who had to appear if he could not produce all his prices and documents.

Sprices and documents.

Yours faithfully,
W. M. Tims-

Retail Prices.

SIR, -Your table of retail prices for 1914 and 1919 is an extremely lucid and able comparison of the actual percentage of profit to the retailer obtaining at pre-war figures and at the present time, and is one which should be filed by all retail pharmacists, as it would be extremely useful in the case of a profiteering complaint. In going through the items I note that in the majority of instances the actual rate of profit is lower now than before the war, and this effectually disposes of the general charge of profiteering; it may be true that a retailer is accruing more money, but then his turnover is much larger, his risks are much greater, and he has more capital invested; and the position is similar to the case of a large company with a turnover of thousands compared to a small retailer whose takings are in hundreds, the amount of profit in the one case being a much larger figure, although the percentage is generally much less. regard to the four classes of goods under which you classify the articles sold by chemists it would be very useful if one could get returns of the actual amounts in various businesses, I do not mean in l. s. d., but in percentages of the various classes; the profit on each class could be estimated, and we should then get a very useful basis to show which part of the retail trade was the most satisfactory. For pricing prescriptions the Standard Retail List gives the method of pricing down to grains, and if we could adopt a regular scale for dispensing-fees and overhead charges the result would be uniform, the only difficulty being the case of mixtures with a single inexpensive item, -but this could probably be met by a minimum charge according to the number of doses. The complete volte face of some of the lay papers in regard to the Act is very amusing, and it is instructive as showing how the Government can be urged to action, not always with the happiest results, by dint of energetic and sustained shouting, and the moral should be borne in mind by pharmacists when negotiating for the new terms for Insurance contracts.

Yours faithfully,
PRICES AND PROFITS. (110 58.)
Profiteering Proceedings.

Sir,—May I be permitted to say a word or two upon the vexed question of prices? Seeing the probable course of events, I bought two or three years ago what was for me a fairly large quantity of camphor, the price being then 7s. 1d. per lb. The steadily increasing price, however, killed the sale, and I still have some on hand. It would go very hard with me if a Tribunal were to ask for my invoice, which I could not now produce, and I confessed that I was selling it now at 2s. per oz. Yet this is the price in Mr. Philip's list, and also in the "Minimum Retail Price List." After the Bermondsey case, reported in your columns, it seems that I can be prosecuted for

adhering to these lists. On the other hand, if I do not, I am disloyal to my Association, besides underselling my neighbour, and thus rendering him open to a charge of profiteering. These lists are no protection to us, as the Tribunals will not accept their figures. Their own method of wanting to fix the profit upon the "buying" price and the method proposed by the West End retailers only lead to confusion, as "bought" prices would be different in every pharmacy. Cannot the Pharmaceutical Society or anyone else get up a national price-list endorsed by the Government? Until this is done we might as well drop all these price-lists, every pharmacist being compelled to issue his own.—Yours faithfully,

L. A. C. (214/17.)

Legal Queries.

A. W. S. (105/62).—Zine ointment should now be made according to the formula of the British Pharmacopæia, but war emergency formulas may be employed if the customer is warned that the article supplied is not that of the British Pharmacopæia.

H. B. S. (111/13).—The magnetic rheumatic dises recommended for wearing in the socks are, we think, liable to medicine-stamp duty owing to the fact that they are patented, and so on all fours with Perkins's metallic tractors mentioned in the schedule of the Medicine Stamp Act.

E. D. H. (103/12) has been asked by a personal friend to consent to be executor under a will which leaves all the Properly to the testator's wife. He asks what his duties will be. [As executor "E. D. H." will have to take out probate of the will. This can be done at the district probate registry office, where the form which has to be filled up setting out particulars of the deceased's property may be obtained. He has to pay out of the estate any creditors of the deceased, and it may be necessary to put an advertisement in some papers calling upon creditors to send in their claims within a specified time, usually fixed at a nount. He should pay the estate duties, the amount of which depends on the value of the deceased's property. He has also to pay the reasonable funeral expenses of the deceased, and then hand over to the widow whatever balance remains of the

1. A. I. (109/47) wishes to obtain a licence to sell medimal wine (a wine off-licence), and having made informal application for particulars to some of the officials concerned with licensing he got discouraging replies. He asks what it is necessary for him to do as to notices, etc., and what we think of his prospect of getting the licence. [We see no difficulty about this application being made. Whether it would succeed would depend chiefly on whether the licensing justices were shown that it is necessary for the needs of the neighbourhood. The chief factors in deciding this would be (1) what is the population to be served, and (2) what licences of the same kind are already available to supply the needs of the place. New licences have to be applied for at the annual general licensing meeting of the justices, which is held on some date between February 1 and February 14. The exact date is fixed by the justices, and published at least twenty-one days before. An applicant for a new licence has to give the following notices: 1. An advertisement in a local newspaper of his intention to apply. This is to be inserted on some day not more than four and not less than two weeks before the date of the licensing meeting. 2. Within twenty-cipht days before the meeting a notice of the intended application has to be put up between the hours of 10 a.m. and 5 p.m. on two consecutive Sundays on the door of the Parish Church. 3. At least twenty-one days before the licensing meeting notice of the intention to apply for the licence has to be given in writing, preferably by registered letter, to (a) one of the overseers of the parish in which the premises are situate, (b) the superintendent of police of the district, and (c) the clerk to the licensing justices. There is no particular form of notice prescribed, but it must show (1) the name and address of the applicant, (2) the description of licence to be applied for, and (3) a description of the premises where they are situate. As we have said, the prospect of getting a new licence

Miscellaneous Inquiries.

H. T. (102/49).—VETERINARY POSOLOGY.—It is a long time since we published a veterinary dose-table in the C. & D. Diary, all years of which are now out of print. "Veterinary Counter Practice" contains a good posological table, from which the following is taken as the doses for a norse: Arsenic alb., gr. iij.-x.; liq. arsenicalis, 5ij.-5j.; liq. arsenet hydrarg. iod., 5ij.-5j.

Lithos (102/67) and G. B. (104/25).—ARTHICIAL HORN, known as galalith, is prepared from a specially pure casein precipitated by rennet from sweet milk. The curd is drained and dried, forming lumps 8 to 12 mm. thick. These are ground first in a fluted-roller mill, then in a porcelain-roller mill to a gritty meal. The ıncal is moistened with a given amount of water, and must then be worked up within twelve hours, otherwise it begins to ferment. The moist meal, coloured as required, is worked up between steel helices to a plastic mass, which is then hot-pressed in hydraulic presses. The pressed cake is hardened in a solution of formaldehyde of accurately adjusted concentration, which is circulated continuously to avoid the formation of paraformaldehyde. The length of treatment varies from two to thirty weeks, according to the thickness of the articles; the rooms are heated and well ventilated. Drying is effected in a current of warm air. The hardening takes away the extreme brittleness of the casein, and imparts the qualities of natural horn. It resists oily liquids and acids, but is swelled by alkaline liquids. Its chief drawback is its hygro-copic nature; it absorbs 30 per cent. of its weight of water in twelve days. It is not elastic like oelluloid, and breaks when slightly bent. It cannot be worked in sheets of less than 2mm. thickness owing the its tendency to flake. It is chiefly used in the turning trade and for the manufacture of buttons, combs, and planokeys.

C. C. W. (110/68). CLEANING GILT FRAME.—The gilding of a picture frame is best cleaned by sponging with a warm solution of soap. When dry the gilding may be painted with white of egg as a preservative. The use of solvents such as benzene is more risky than soap-and-water.

W. E. D. (110/12).—Liquid Polish for Floors.—The following are recipes for liquid polishes applied by means of a mop:

I.		II.	
Resin		Terebene, crude	20 parts
Palm oil			5 parts
Nitrobenzene		Linseed oil	70 parts
Vanillin		Paraffin oil	5 parts
Benzenc	10 pints	s or a sufficiency.	

In the second recipe part of the terebene may be replaced by turpentine, and if a colouring-matter is needed use palm oil or aniline orange.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Dec. 15, 1869.

Prescription Profits.

The honorary secretary of the Manchester Chemists' and Druggists' Association has favoured us with an abstract of an interesting discussion on Pharmacy in its relation to the medical profession, which occurred at their last meeting, and which we publish elsewhere. In Mr. Hampson's paper and in some of the remarks which follow, we find the whole gist of the difficult question. The fact is, chemists cannot live on prescriptions alone, nor, in many cases, can physicians either. We pity the doctor who has to keep a shop far more than we blame him, for we are well aware that he would much rather have nothing but pens, ink, and paper in stock if he could help it. But if we may extend Mr. Hampson's calculation to the whole country, and assume that two new prescriptions, and perhaps twice as many "repeats," make a fair rough estimate of the average daily dispensing trade of every chemist—and at the same time consider the lion's share which falls to some houses—we cannot but be strongly convinced of the necessity of a chemist and druggist being a great deal more than a dispenser merely; and even should be trespass on the physician's domain occasionally, we do not know who has a right to cast the first stone at him.

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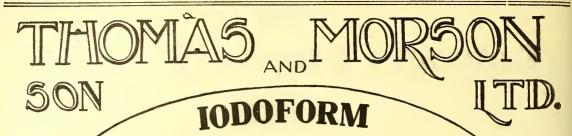
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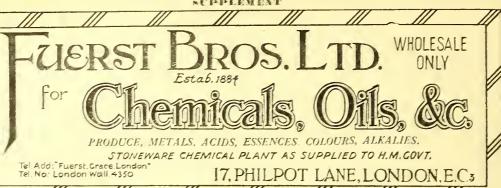
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In 1 gross lots or over, net cash
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PHOSPHORUS AND QUININE

10/6 per 1000.

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10/6 per 1000.

WITH SHOWCARDS.

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Dec. 6, 1919.

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doz. tabs. 17/3 doz. 3-tab. boxes

Less 5 % discount on assorted orders of Gibbs' goods value 30/-

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The name of the Carter Medicine Co. is to be added to the list of P.A.T.A. manufacturers who supply such labels to affix to existing stocks. See November "Anti-Cutting Record.

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Liberal discount allowed Agents, and commission to Travellers.

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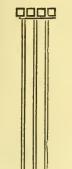
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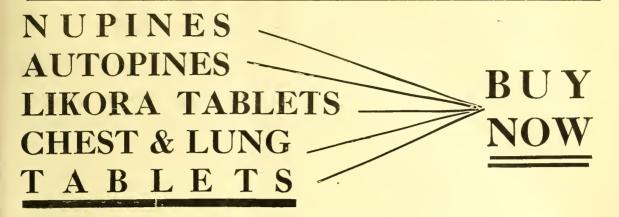
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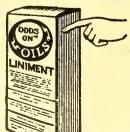
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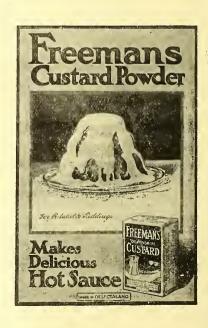
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2 doz. 3'-		liq. and \frac{1}{2} doz. tabs		2 15 0	3 12 0
$\frac{1}{4}$ doz. 5	$\frac{1}{6}$ doz. 1	iq. and $\frac{1}{12}$ doz. tab	s. @ 48'	12 0	15 0
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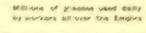
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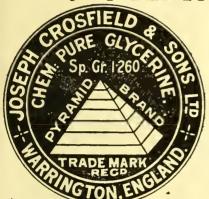
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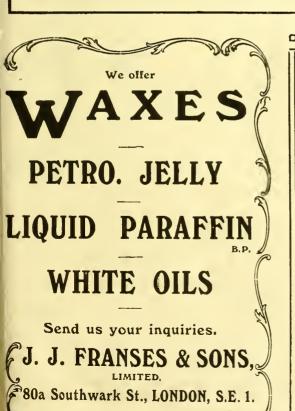


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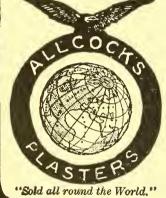
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S	izes	6 >	×8	6×	:10	6×	(12	8×	10	8×	12	8×	14	10:	< 12	10>	< 14
		s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.
Heavy weight e	each	4	0	4	4	4	8	5	0	5	6	6	0	6	3	7	0
Covers, scarlet or grey plush	,,	1	5	1	8	1	10	2	0	2	2	2	8	2	10	3	3

						Sizes	14	15	16	17	18	19	20 ins.
Circular Shape Square shape							s. d.						
Circular Shape	• • •		•••	• • •		each	8 0	9 0	10 0	11 0	12 0	14 0	16 0
Square shape	•••	•••	•••	• • •	• • •	2.9	12 0	13 6	15 0	16 6	18 0	19 6	22 0

Fig. 957.—Side Handle.

5% discount allowed for prompt cash off above prices.

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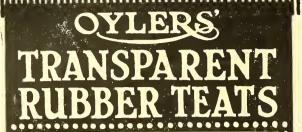
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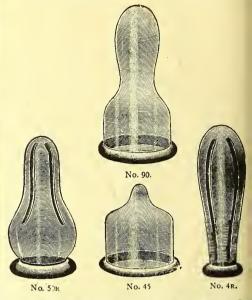
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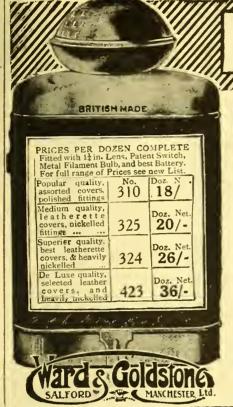
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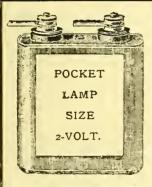
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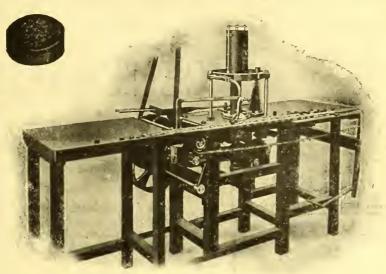


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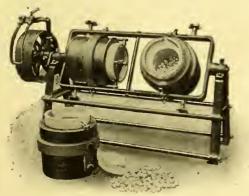
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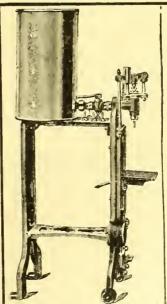
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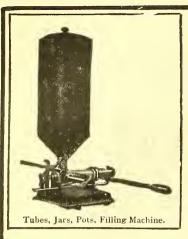
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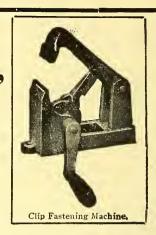
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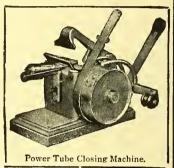
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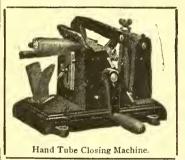


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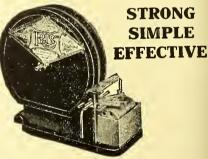
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 $G^{00D\text{-}CLASS}$ Business in Cumberland or Westmorland wanted; price up to £1,500 or so, and with scope for expansion. $\Lambda_{\rm P}$ ply 220 37, Office of this Paper.

GOOD-CLASS Cash Business; returns not less than £2,000; good house essential; London, west, or good suburo pre-terred. "R. W." (224-16), Office of this Paper.

PHARMACIST is prepared to purch se good brisk Business, in Western Count is or Wales pristred (with house attached); turnover from about £1,200 upwards, with scope for increase; would entertain management, with view to early succession; replies treated in strict confidence. "Pharmacist," 19 North-umberlaud Piace, Bath.

SITUATIONS OPEN.

RETAIL.

BOLTON-Pharmacist, capable of taking charge when required; good Dispenser and Counternan; knowledge of Optics, out not essential; give age, married or single, references, and photo, also smary required; no Sunday duty; hairday; live ont. Charles crane, Ltd., Chamists and Opticians, 235 und 237 St. Helen's Road, Bolton.

BRISTOL -Qualified Manager wanted for branch (about the middle of January), Light Retail, with N.H.I. D.spensing. Apply, with usual particulars, to C. A. Stokes, 437 Stapleton Road, Bristol

CHESHIRE.—Thoroughly competent Assistant required for brisk ketail business in centre of country town; easy hours; outdoors. Please state experience, references, age, het_at, sujary, etc., to Young, Cheunst, Nantwich.

CITY.—Boctor's partnersh.p firm require capable Ass.stant Dispenser; hours 10.5; one hour luncheon interval; uo saturday att.noon or Sunday duty; fortnight holiday yearly with pay; only experienced applicants considered; state sail ry wanted, when distrigated, und usual particulars, with copies of two testimouslis. Apply P. C. B. 15/19, Office of this Paper.

CRICKLEWOOD, N.W. (100 The Broadway).—Wanted (at once), qualified Maunger; must be thoroughly capable to control a brisk D.spensing and Counter business; N.m.i.; good house attached. Apply, giving full particulars as to age, height, experience, salary expected (present manager at Crisk) word rany einterviewed if preferred) to T. Bellamy, Pharmacoutical chemist, Chelmsford.

Der Braffing - Qualified Assistant required for minding, as no day cuty; state age and salary. Apply Chas. Petts, Lti., Lath Street, Likeston.

LEDS.—Qualified Manager required for Brail h, stude in artisan dis rict; house at liberty shortly; one who has had experience in working-class business preferred. Apply 223-23. Office of this Pap.r.

ONDON, N.-Jun.er Assistant or Improver (outdoors), unqualified, male, for Counter and Dispensing in busy, quick cash business in main throughter; good exprince, can be gained; to commence duties after Christians or carry in the New Year (no Sunday duty). Apply, stating age, height, experience, and salary required, to Dow Bros., 453 Green Lance, Harringay, N. 4.

I ONDON, N.W.-Required immediately, unquillified Assistant; butdoors; p.case state salary required. Reed, Chemist, 196 Busile Road Kilburn.

I ONDON, S.W.—Competent and experienced Assistant, unqueli-fied, readed for Ret. and Dispersing business; must be will up in Dispensing and Constructive with good experience essen-tial. Apply, stating when dispersed salary required experi-

LONDON NEAR, SUTTON, SURREY.—Wanted, smart lady Assistant to help at counter; must have had some experience and have knowledge of Photography. Apply, stating age, height, and salary required, also enclose photo if possible, to Cooper, Chemist, Sutton, Surrey.

NEAR MANUHESTER.—Qualified Chemist; capable of taking coutrol; interest in same if suitable; established over 20 years; state salary, references, and if married. Address 223/10, Office of this raper.

One of the Paper.

Out PIAMPTON.—Experieuced Assistant wanted, about 30, for o.d-estaolished Family business, w.tu Veterinury and Photographic, cheany for Counter; must be good Salesman and Preserter, abie to push own Proprietary Preparations, and a tasteful Window-dresser; easy hours; outdoors; no Sunday or extra duty. State particulars of experience, age, salary, and give references, P. Jeyes & Co., Ltd.

A SSISTANT wanted in brisk country Retail; must be expert Extractor. Apply 216/28, Office of this Paper.

A SSISTANT (male), good experience, for quick cash business in working class neighbourhood; fair amount N.H.I. Dispensing; liberal salary to right man. Usual particulars to L. Matthews, 722 High Road, Leytoustone, E. 11.

CAPABLE qualified Assistant wanted for Glamorganshire Valley; Welsh-speaking preferred. Apply, with full particulars, to R. James, 8 Caledonian Road, King's Cross. Loudon, N.

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m E^{VENING}}$ Assistant; 6 to 8, Saturdays 6 to 9. Apply, stating safary, etc., "Shepherd's Bush" (221/14), Omee of this Paper.

 $E^{\text{MPERIENCED}}$ Assistant wanted (immediately); qualified preferred. Apply R. S. Starkie, 126 Strand, W.C. 2.

JUNIOR wanted; one acquainted with N.H.I. preferred.
giving full particulars in first letter, to the Morman's Pharmacies, 104 Heyworth Street, Liverpool. Manager,

JUNIOR or Improver (outdoors) wanted for January 1, 1920, for Counter, Stock, and Dispensing; opportunity to gain a good experience; good-class business; short hours; no Sunday duty. State salary required and send references and particulars to Woollatt & Coggin, Pharmacists, Ware, Herts.

JUNIOR Assistant or Part-time Assistant winted at once; out-doors; good knowledge of Photography and Dispensing; easy hours. State salary nud full particulars to Sawdon, Chemist, 795 Lea Bridge Road, Whipps Cross, Walthamstow, E. 17.

MANAGER required for branch (with house); smart, all-round, reliable man will be liberally treated; London district. Apply 216/32, Office of this Paper.

QUALIFIED Manager wanted for good-class Dispensing business in Midland county town, to live in for short period; good appearance, address, and thorough knowledge of the trade essential. State salary required and references to 205/18, Office essential. Star of this Paper.

QUALIFIED Assistant required; must be good Salesman and Dispenser; outdoors; please state particulars of last three years' experience, salary required, and usual details. Young, Chemist, Nantwich.

QUALIFIED Assistant; must be accustomed to a high-class Dispensing and Counter business. State snlary, experience, etc., to A. J. Bullen Cooper, Cooper, Son & Co., Ltd., 80 Gloucester Road, South Kensington, S.W.7.

SURGICAL INSTRUMENT BUSINESS.—Assistant for Counter in front shop. Write, stating duties accustomed to, age, and wages expected. Box "E. 54," Lee & Nightingale, Advertisement Offices. Liverpool.

THOMPSON & CAPPER, LTD., have a vacancy for a qualified Manager at their Leeds Branch. Apply, giving full particulars, with photograph, to Thompson & Capper, Ltd., Manesty Buildings, College Lane, Liverpool.

THOROUGHLY capable Manager wanted for a good-class business in Lancashire doing a large turnover; applicants must be quick and accurate, thoroughly experienced in Dispensing, and capable of controlling others; commencing salary £6 weekly. Apply, with full particulars, to 220/27, Office of this Paper.

WOLVERHAMPTON.—Qualified Chemist required as Manager for small branch in growing neighbourhood; commission on profits; modern house; rent and rates free; easy hours; no Sunday or night duty. Applicants must state experience, age, and salary required, to Martyn's Stores, Ltd., Queen Street, Wolverhampton.

VACANCY for gentleman with West-End experience; qualified; good Counterman. Apply to M. Gluss, Heppells, 5 Buckingham Palace Road. S.W. 1.

WANTED, lady Dispenser, Medical Mission Dispensary; Minor qualification; half-day; salary £30. Apply, with testimonials, to Dr. Fry, 56 George Square, Edinburgh.

WANTED, Junior (at once) for good Family and Dispensing business, with N.H.I. and quick Counter trade; easy hours. Full particulars, references, and salary to A. S. Kitching, Oakengates, Salop.

WHOLESALE,

ONDON REPRESENTATIVE.—Gentleman with good connection among Chemists and Stores wanted to sell well-advertised profitable proprietary on commission. Particulars of lines carried ground covered, and connection, to "Face Value" (112/51), Office of this Paper.

A FIRM in Midlands require experienced woman for asset Patents and Druggists' Sundries for despatch to bre thorough knowledge of the work and ability to keep stressential; applicants must state experience, age, and desired. Apply 222/19. Office of this Paper.

CHECKER or Counter Hand for Loudon Wholesale Clestate age and wages required. P. C. B. 13/24, O this Paper.

CHEMICAL Engineer required as Representative; mus knowledge of Edible Oil Essence and Foods Ind heply, stating in br.ef age, qualifications, and salary re to 225/40, Office of this Paper.

CLERK.—A firm of Wholesale Druggists requires a your able to type and extend invoices correctly; good pr for one who is careful and takes interest in his work, stating experience, age, references, and salary required, 2 Office of this Paper.

RXPERIENCED Sugar Coater required by important Manufacturing Chemists. Apply 103/59, Office Paper.

EXPERIENCED Tablet- and Pill-maker wanted; Lond trict; knowledge of Rotary Machines and Coating es meply, by letter, stating age, experience, and salary re 113/13, Office of this Paper.

EXPERIENCED Manager for Office required; knowled by letter, stating age, experience, and salary required, 11 office of this Paper.

EXPORT Packer required (at once) for City Wholesale previous experience essential. Apply by letter, giving particulars, to "X. Y. Z." (114/25), Office of this Paper

PIRST-CLASS Representative, with sound London and cand Chemists' and Hairdressers' connection, is re(immediately) to handle high-class Toilet Preparations, on tionally sound terms; liberal salary and commission will to right man, but only those accustomed to earning £8 annum upwards and capable of pulling hig turnover need Write, in confidence, to 225/38, Office of this Paper.

GELATINE Capsule making.—Reliable man, able to machine and make throughout, and control hands opening for right man; state age, experience, and sale quired. Apply 221/35, Office of this Paper.

HEAD Stockkeeper and Buyer required for Wholesale Ch Sundries Department in provincial town; Retail C formerly in business on own account might suit; please m in confidence, experience, references, age, etc. Apply 2 Office of this Paper.

NVOICE Clerk; Export experience an advantage; accuto pricing Drugs, Sundries, etc.; progressive post for eman with Midland Manufacturing Chemists. Apply, wit particulars, to Box 457, Smith's Advertising Agency, Ltd Fleet Street, London, E.C.

INVOICE Clerk, experienced, required for London Wh Druggists; must be quick at figures and neat Apply, stating salary required, to "I.C." (114/251), Of Apply, stat

ABORATORY.—Experienced man required to superinte manufacture of Galenicals. Emulsions, Granular Preps., and Toilets. Apply, by letter, stating age, expe and salary required, 115/130, Office of this Paper.

MAN as Porter and Warehouseman; cleaning, unpacking hours 9 till 7, Wednerday 1 p.m., Saturday 9 p.m., from forty to sixty shillings, according to ability. Apply full particulars as to experience, age, wages asked, and ences, to Jones, Chemist, Houghton le-Spring, Durham.

MAN wanted for simple laboratory work; experience with steam-jacketed stills an advantage; good prospects for really desirous of progress. Full particulars, salary, et 220/30, Office of this Paper.

PHARMACIST (young) required in Advertising Department large London firm; previous experience not essential. full particulars of age, qualification, previous employment salary required, to 113/42, Office of this Paper.

PILL and Tablet-maker wanted; capable of turning or best work. W. Shadforth, Pharmaceutical Chemist, 63 best work. Road, Bow. E. 3.

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m R}^{
m EPRESENTATIVE}$ wanted for Yorkshire and Laneashir trict for Druggists' Sundries and Packed Goods; good and expenses to a smart man. Apply, with full details operience, to 111/65, Office of this Paper.

REPRESENTATIVES required to sell "Elrick" Foot teries already taken up by many Chemists and Stores: sale, good profit, and liberal commission. Send full partito "Elrick," 77 Imperial Buildings, Ludgate Circus, Lond

 $m R^{EQUIRED}$, young Fnctory Chemist for manufact adhesives. State qualifications and salary require (C. C." (216/31). Office of this Paper.

REQUIRED, qualified Chemist by Manufacturing Che Company; must be up-to-dute, with experience. "H

SURGICAL Instruments.—Junior required, with exper Apply, giving full particulars, to Hatrick, 70/2 St.

LESMAN, whole-time, resident Manchester or Liverpool, required by large enterprising manufacturers of Rubber 1978 for Lancashire, for saking, and North Midlauds; good ection with Chemists and Drapers (wholesaie), splendid ritunity for one with real selling notity. Write age, experi, and salary required, P. C. B. 13 25, Office of this Paper.

ORTHAND-TYPIST (Senior) required, with a knowledge of Drugs, for Correspondence and Orders. Give speed, full iculars of previous experience, and salary required, to 200, Office of this Paper.

tavelleR wanted by well-known house, with large con-nection Lancashire, lorkshire, North of England, and Scot-issuary or commission; Photographic Chemicals, Solutions, sets; write, stating ability, experience, and income required, by 223/9, Office of this Paper.

AVELLERS calling on Chemists, etc., South Coast, West Country, Wales, North of England, Eastern Counties, can of web-udvertised side-line in Toilet Preparations on good mission basis only. 105/7, Office of this Paper.

AVELLERS wanted, on commission, with connection amongst Chemists in London and provinces for a Proprietary Article addy taken up by all leading London Stores. Write "Repeats," Deacon's, 7 Leadenhall Street, E.C.

RAVELLERS wanted, calling on chemists, to carry as a side-line a well- and attractively-packed stamped Patent Medi-e (P.A.T.A.), on commission bases, in England, Sections, th Wales, and I.O.M. All letters in strictest confidence to /22, Office of this Paper.

UNQUALIFIED Chemist's Assistant required, to be trained as Capsule Maker, by well-known firm of Manutacturing Chemists on the South Coast; good opportunity for one desirous of entering Wholesale. Apply 110/32, Office of this Paper.

ACANCY in Sundries Department of London firm for experienced Assistant (male or female) to assemble orders and stock. Apply 113/30, Office of this Paper.

ANTED, really live Salesmen with first-class connections amongst Chemists, for the sale of our "Rumour Baths" Rheumatism; commission bases. E. Wade-Wilton & Son, ufocturing Chemists, Bromley. Leeds.

VANTED, Assistant Counter Hands for Chemical Warehouse; North Loudon district; only competent men need apply, ce, stating experience, salary required, etc., to 110/46, Office

ANTED, unqualified Assistants for Pharmaceutical Warehouse, North London district; only competent men need y. Write, stating experience, salary required, etc., to 460. Office of this Paper.

UNG lady of good education and ability required in Costing Department; a knowledge of Drugs will be an advantage, y, with full particulars of experience and salary required, F. W. G.," Allen & Hanburys, Ltd., Bethnal Green, E.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

R EAST.—A qualified Assistant, not over 30 years of age; must have had experience in first-class Retail and Disage business; salary £550 rising to £600 per annum, and 30 paid out and home, on a four-years' agreement. Address t" (221/1), Office of this Paper.

DERATED MALAY STATES.—Qnalified Assistant; unmarried; must have good experience in Retail; terms, three agreement; salary £400, £450, £500 sterling per annum; good le; the firm one of the largest in the East, and the position aurrounding country most attractive. Apply Dakin Bros., 82 Middlesex Street, London, E. 1.

IS-Qualified Assistant; knowledge of French and Con-inental experience; outdoors; short hours; no Sunday or duty; state age, experience, references, and salary re-in first letter; permanency, with good prospects, for suit-nan; send photograph, which will be returned. Roberts 5 Rue de la Paix, Paris.

DESIA.—An opening for a young, qualified Assistant who has had good Dispensing experience; prospects good and e delightful; cost of living reasonable, good bourd and goosting £10 to £12 per month; three years agreement; e paid out; salary offered £27 10s. per month for the ear. £30 per month for the second year, and £32 10s. ird. with furnished bedroom. Apaly by letter only to N.," 25 Arrol Road, Beckenham, Kent.

DEN.—Intelligent youth, 20:22 years, Clerk, with some inouledge of the Drng trade, Typewriter and Shorthand, (immediately) by big ceneern in Sweden for their sing Department, Annly "Drugs, Stockholm, immediately" 2), Office of this Paper.

SITUATIONS WANTED.

1s, for 12 words or less, 6d. for every additional 10 words or less, prepaid.

[HOME.] RETAIL.

A CHANCE to secure the services of on expert Window-dresser, who has two days vacant each week. Write for terms, etc., to "Dieplay," 1 Regent's Park Road, London, N.W. 1.

PERMANENT position as Assistant or Manager desired by unqualified man with over 12 years' good London experience all oranches, ale 29, tall; excellent references. Apply m all oranches, ale 29, 220 38, Office of this Paper.

A DVERTISER disengaged; first-class Dispensing, Counter, and Window-cressing experience; can take charge. Apply r. C. B. 13 18. Office of this Paper.

As Braach Manager or Managing Assistant; good and long experience; quantied; West or South-Western Count.cs preferred, but not essential; at liberty end of this month, earlier if required; good references; moderate salary. Apply 220/36, Office of this Paper.

As Branch Manager, Senior; Locum or Dispenser; disengaged; thoroughly experienced. J. S., 139 Linthorpe Road, Middlesbrough.

A S Junior or unqualized Assistant in English Pharmacy; 40; medium height; slight build; necustomed good-class Dispensing, Retail (Ireland); old references good; one receat; extra time advantage, not essential; offer. Moore, 18 Canterbury Street, Belfast.

As Locum; permanency; excellent references; reasonable terms. "Chemist," 6 Eastbourne Terrace, London, W.

As Manager, Senior; qualified; permanency, Locum; disencentification of the senior of the s

A SSISTANT; 46; unqualified; temporary or permanent. Apply 219 500, Cifice of this Paper

A SSISTANT, 20, 5 ft. 11 in.; unqualified; good Dispensing and Counter experience; knowledge of Photography; just demoblised; good references Apply, stating terms, "A. C. B.," Therfield, near Royston, Herts.

A SSISTANT; reliable, unqualified; management Drug Store, Loudon; eventual purchase if agreeable; spot cash; diseagaged January 1st. "Beta," 90a Pearcroft Road, Leytonstone,

A SSISTANT; unqualified; 27; 5 ft. 10 in.; eight years' Dispeusing, Counter, Photography, and Window experience; excellent references; disengaged. Apply 220/33. Office of this

A SSISTANT (lady), 21; six years' excellent country Dispensing and Photographic experience; reliable; disengaged. Apply 216, 37, Office of this Paper.

A SSISTANT, whole or part time. "Horton," 3 Medwin Street, Clapham, S.W. 4.

A SSISTANT; unqualified; two or three days weekly; London. Apply 211.6, Office of this Paper.

A SSISTANT, unqualified, wishes permanency, London or suburbs; fifteen years' experience in high-class Dispensing and Counter work (Ireland); five last years Army Dispensing; excellent references. P. C. B. 13/29, Office of this Paper.

A SISTANT, unqualified, 30. eight years' experience good Retail and D.spensing business, just demobilised, desires engagement; good references. M. M., Tirowen, Frankby, Birken-

 $A^{\rm SSISTANT}$; experienced Senior; unqualified; good Prescriber; disengaged; reliable and trustworthy. Chemist. 12 Chequer Street, St. Albans.

ASSISTANT or Manager; qualified; excellent references; London or suburbs; disengaged. S. S., 98 Greyhound Lane, Streatham Common, S.W. 16.

A SSISTANT; age 30; tall; Dispenser, Counterman; well recom-mended; disengaged. "Statim" (222/13), Office of this Paper. (Will advertiser kindly send his name to this Office?)

SSISTANT, gentlemanly and good address, unqualified, recently demobilised N.C.O. Dispenser, desires position with high-class Chemist (London preferred); eight years' experience Dispensing, Counter work. Photography, etc.; highest references; please state sa'ary offered and hours. Bailey, 68 High Street, Newport-Pagnell, Bucks.

A SSISTANT Dispenser, ladv (20), Hall, requires post with Chemist or Institution. Apply 222/50, Office of this Paper.

Bath or near.—Reliable Assistant, young energetic, 5 years' experience, capable Dispenser. Window-dresser and Salesman, seeks situation in good-class Pharmacy; highest references; reasonable salary. Particulars to "Statim," 15 Middle Road, Bournemouth West.

PIRMINGHAM.—Lady (26), several years' experience, desires nost as Dispenser with Doctor or Chemist; part-time preferred, but not essential; disengaged January 5th. Apply 216/33. Office of this Paper.

BIRMINGHAM.—Lady, 10 years' Counter experience, willing to undertake any shop duties; part-time preferred; moderate su.ary. Apply 222/15, Office of this Paper.

 ${
m B^{RANCH}};$ registered; good references, etc. D. Eastdeen, Stamford Road, Bowden, Cheshire.

BRIGHTON or near.—Permanent position sought by advertiser, who is unqualined, but thoroughly well trained and experienced in Dispensing, Fhotography, and counter; willing, hardworking, careful, obliging, and punctual; preferences excelent; age 45; married, 2 children; total abstainer; tail, and of good appearance. Will gentlemen who reply please state salary they are prepared to pay for competent and conscientious service. 224/6, Office of this Paper.

CAPTAIN (31), tall, married, good birth and appearance, industrious, abstainer, desires oerth with Chemist; 10 years' experience; good knowledge of Photography; please state salary. "F. G. S.," 24 Corve Street, Lud.ow, Salop.

CHEMIST (by exam.), and on Dental Register, requires situation as Manager or with unregistered Deutist; uear Mauenester. Address "A. B." (222/3), Office of this Paper.

CHEMIST, late Branch Manager (business quadrupled in six years) wants post; abstainer; trustworthy; perfect references; temporary post over Christmas, or Locum work cons.dered; reasonable ealury; or would invest some capital and work ousiness on partuership terms. Replies to 222/9, Office of this Paper.

CLERICAL work any kind, evenings. Address "F. G." (186/36), Office of this Maper.

COMPETENT, qualified lady Pharmacist desirous of post in good-class London Pharmacy; experienced in Dispensing, Counter, and Surgical Instruments; thoroughly recommended after four years' service by Fred Surson, M.P.S., Pharmacist, Paiguton, Apply "A. A.," c/o Central Pharmacy, Paignton.

COLPETENT Assistant; unqualified; 27; demobilised, state terms. Gibbs, 98 King's Road, Harrogate.

DISPENSER; unqualified; Doctor or Chemist. Apply 219/5, Office of this Paper.

DISPENSER to Doctor or Institution (male); qualified (Hall); Med.cal curriculum; good references. "Delta," 54 Gurney Street, London, S.E. 17.

ISPENSER, unqualified, 36, tall, good appearance, married, Saksuman, Prescriber, Photography, Window-dresser, Extractor, competent ail-round man, hard-working, temperate, well recommended, could introduce own Specialties, would like permanent, progressive situation at once; anywhere; could manage Branch; demobilised N.C.O., R.A.M.C. "Formulas," 77 Commou Lane, Washwood Heath Road, Birmingham.

Dispenser, lady (Hall), 3 years' Nursing experience, desires post, Docton or lust.tution, immediately. Valentine, Church Road, Peleall. Staffs.

DISPENSER and X-Ray Operator; 4 years' Hospital experimington Road, Ealing, W. 13.

DISPENSER-BOOKKEEPER (35) desires post; permanent or temporary; 16 years' experience; good references; discregaged. Strutt, 2 London Road, Hailsham.

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m D}^{
m ISPENSING.-Lady}_{
m statution}$ (Hall) desires post; good experience; Instatution preferred. Apply 221/28. Office of this Paper.

Efficient and reliable qualified Assistant requires partiting post in London; evenings from 6; 17 years' experience; undernable references. Apply "Ability" (P. C. B. 13/40), Office of this Paper.

EVENING work wanted; unqualified; S.W. or S.E. district. Moody, 262 Camberwell New Road, S.E.

EX-SERVICE man, unqualified, 23, West-End Dispensing experience, seeks situation; well educated, good personality: has had one year's post-Army reexperieuce; South-Western Countree preferred. Offers to 220/20, Office of this Paper.

M. M. OVER; London; good-class Dispensing; 18; good references; moderate salary. "G. J.," 142 Glenroy Street, Roath Park, Cardiff.

JUNIOR; 20: 4 years' experience Dispensing, Counter, etc. Please state salary offered and hours, 222/36, Office of this Paper.

L ADY Dispenser requires post, Hail qualification, testimonials, for private and public work; Bookkeeping. Reynolds, 162 Devonshire Road, Forest Hill, S.E. 23.

L ADY Dispenser, Hall Certificate, Minor Student, desires post Chemist, Doctor, or Institution; experienced France and England; good references. Apply 218/23, Office of this Paper.

ADY Dispenser, Student Associate, Hall, 2 years' experience in high-class Dispensing business, requires post with Chemist or Doctor (S.W. London preferred); competent accurate, and conscientions worker; first-class reference. Miss Broad, 11 Melrose Road, Wandsworth.

ADY Dispenser (Hall), 10 years' experience, 21 Iondon Hospital, seeks permanent post, Institution, Doctors; resident

LADY Dispenser Bookkceper desires post; Hall qualification good experience; Doctor or Institution preferred. A Cregeen, Basildon, Church Avenue, Sidoup, Kent.

LADY Dispenser-Bookkeeper desires post; 11 years' experie excellent testimon.uls. Apply 222/160, Office of this re-

LADY, Hall qualification, Dispensing experience, anxion quality, desires post in Retail Pharmacy; Loudon. M. se.wood, Woodridings, Hatch Eud.

LADY (Minor), 10 years' experience Dispensing, good renees, desires post. Chemist. Doctor, Institution; Loustrict preferred. Miss Fisher, The Chantry, King's Langh

LEEDS OR DISTRICT.—Assistant, disengaged; Counter Dispensing, etc.; good all-round experience; excellent rences. Chem.st, 10 Greewock Place, Armiey, Leeds.

L OCUM; 46; unqualified; disengaged. "Locum," 9 Broad Barnes, S.W.

LOCUM or otherwise; qualified; 26; highest references; pensing, Photography; free December 15th. "Nemo," Ash Road, Headingley, Leeds.

OCUM or temporary; disengaged; qualified; 26; best ex ence; please state terms. J. Cohen, 83 Spencer P Leeds.

OCUM (temporary Manager); 53; qualified; country; d gaged until March; first-class experience and referent chotography, Optics; energetic. Dewey, 4 Montague Gardwallingtou, Surrey.

LOCUM or permanency; free December 8; experienced peusing and Retail. C., c/o Wyatt, 58 Gipsy Hill, S.E

L OCUM Tenens; experienced; disengaged December 6. "L. 66 Neville Street, Cardiff.

OCUM, otherwise; reliable; disengaged; experienced Cour Dispensing. "D.," 82 Marlborough Road, komford.

ONDON, S.W.—Experienced Assistant in good-class R Pharmacy; free end of month; age 20; height 5 ft. 9 chotographic, Counter, and Dispensing experience; commen studies in three months. S. W. Morrey, 17 High Street, Ma Drayton.

M.P.S. F.S.M.C. requires position with Chemist-Option of the option of the popular about to up option. Apply 220/35, Office of this Paper.

MANAGER, qualified, abstainer, 42, requires responsible tou; now at liberty. "Manager," 321 Coventry & small Heath, Birmingham.

MANAGER or Locum; good experience in all branches; experie

MANAGER or Locum; Minor; good-class Retail and Disp ing experience; Photography; disengaged; London sountry; good references; state salary offered und hours; 54. Smith, 48 Westbury Road, Forest Gate, E. 7.

Manager or Senior; 40; unqualified; excellent experier disengaged. "Chemicus" (224/8), Office of this Pape

NEWCASTLE-ON-TYNE or District.—Lady (Minor); used managing business; tull; capable; experience, with Physraphic knowledge; good testimonials. Apply 206/33, Office this Paper.

PART-TIME; London or suburbs; unqualified. "Locum,' Broadway, Burnes, S.W.

DART-TIME, evenings; qualified; disengaged. Lennon, 5 l rington Mansions, Greshum Road, Brixton, 8 W. 9.

PART-TIME, Birmingham or suburbs; 25, energetic, uno fied; Dispenser, Prescr.ber, Sa.csman, Photography, Surkuowledge; good appearance; salary 1s. 9d. per hour; hours evenings required for study; Doctor or Wholesale entertai "Student," 204 Somerville Road, Small Heath, Birmingham.

PHARMACIST, disengaged, 6 years' City and West-End Manuger and Assistant, seeks similar post; London; doors. P. C. B. 13/21, Office of this Paper.

PHARMACIST OPTICIAN, qualified, having acquired best round experience, desires berth, either as Branch Man or Assistant. Please state hours and salary offered to T. Press, "Shortlands," Dunwich Road, Southwold.

QUALIFIED requires part-time after 5 p.m. week-days, all day Saturdays; West-End of London preferred; salary. "T.," 1 Hartingtou Road, St. Margarets-on-Thames

QUALIFIED, 30, single, sober and energetic, recently den lised after four years' overseas service; desires Tocul Branch Managership; partnership considered; Yorkshire

UALIFIED Pharmneist and Opticinn, M.P.S., F.S.M.C., requires position, either temporary or permanent; age 26. A. L. compson. Loakes House, High Wycomoe.

UALIFIED. Manager or Senior; recently demobilised; good Prescriber; first-class references; 41, married. Liner, 59 orthing Road, Lowestoft.

CALIFIED Mnnnger or Locum; 20 years' exceptional all-round experience; Loudon or South Coast preferred; excellent reference; disengaged. "Chemist," Bellvue, Halton Road, Spl.sby, nes.

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